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PROCUREMENT SECTION
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DHIA

Cow Performance Index List

Registered Progeny of DHIA Sires

September 1968 through May 1969

Agricultural Research Service

UNITED STATES DEPARTMENT OF AGRICULTURE

The cow index ratings in this list are appraisals based on production performance information available through DHIA. The list consists of the top 2 percent of registered progeny of AI and non-AI bulls summarized in September 1968 through May 1969.

Included at the end of the cow index tabulation is a list of the names and addresses of herds represented, based on information provided by State and regional DHIA processing centers.

In using the information in this publication, undue emphasis should not be placed on relatively small differences in milk index values. All cows in the publication rank in the best 2 percent of the DHIA population.

The cow indexes, along with the data in the DHIA Sire Summary Lists, should be supplemented with other needed information from the herds in which cows are located. A personal evaluation of herd feeding and management conditions is highly desirable.

DHIA COW PERFORMANCE INDEX LIST
Registered Progeny of
DHIA Sires
September 1968-May 1969

This publication contains summaries of data for registered cows whose sires were summarized in DHIA from September 1968 through May 1969. The 13,916 cows in this list represent approximately the best 2 percent of the daughters of these sires, as defined by criteria described below.

Cows listed in this report have the following characteristics: They are registered; were sired by DHIA bulls summarized between September 1968 and May 1969; have records with herdmate data; have fat percent that is 3.0 or greater; have a freshening date subsequent to August 1966; and meet minimum requirements based on their index values for milk and fat.

Selection of a cow for listing in this publication depends on her index in relation to the standards listed in table 1. All cows with a milk index greater than the appropriate value in the column headed "A" are listed regardless of their index for fat. All cows with a milk index less than the values in column "A" but more than those in column "B" are listed if their index for fat exceeds the standard contained in the column headed "Fat index."

TABLE 1.--Screening levels for cow index

Breed	Milk index.		Fat index	Cows qualifying
	A	B		
	<u>Lb.</u>	<u>Lb.</u>	<u>Lb.</u>	<u>Number</u>
Ayrshire-----	724	544	19	298
Guernsey-----	724	544	19	589
Holstein-----	734	579	14	11,030
Jersey-----	559	359	19	1,450
Brown Swiss-----	717	506	19	548
Milking Shorthorn-----	349	199	9	1

The index ratings are a means of evaluating the genetic or breeding merit of cows. These ratings are obtained by the selection index method, a technique known to animal geneticists for many years. This method combines several different sources of information (for example, the production of relatives of the animal) in such a way that the resulting index of breeding merit corresponds more closely to the cow's true breeding value than any other possible combination of the same information. The specific index used in this publication consists of a contribution based on the cow's own production, expressed as the average deviation from herd-mates, and a contribution based on the average deviation from herdmates of the cow's paternal half sisters.

The inclusion of other classes of relatives in the index is helpful, but the additional computing effort required does not justify the relatively small increases in accuracy. The use of paternal half-sib information can often shed much more light on a cow's genotype than any other type of relatives. The number of paternal half sisters can be very large through artificial insemination, and these artificially sired sisters of a cow are usually widely scattered throughout many different herd environments.

To evaluate the contributions of the cow's own performance and that of her paternal sisters, the weights illustrated in table 2 and the relative variability of the two sources of information must be considered. The weight associated with a large number of paternal sisters may be much greater than the weight for the cow's record. However, this must be viewed in the light of the much greater variability of the cow's deviation from herdmates. For example, it is not particularly unusual for a cow's record to exceed her herdmates' average by 5,000 pounds of milk. On the other hand, rarely would the average of a cow's paternal half sisters exceed herd-mates by this amount, especially if the number of sisters is at all large. Because the cow's own deviation has more inherent variation than the average of her sisters, the contribution of her own deviation will usually exceed that from her half-sib average.

TABLE 2.--Weights used in the index method

Cow	Number of records Effective paternal half sisters 1/	Weights		Repeatability of index 2/
		Cow	Paternal sisters	
1-----	5	0.18	0.16	22
1-----	25	.17	.46	28
1-----	200	.15	.77	35
2-----	5	.24	.15	28
2-----	25	.22	.43	33
2-----	200	.21	.72	39
4-----	5	.29	.14	33
4-----	25	.27	.40	37
4-----	200	.25	.68	42

Pct.

1/ The designation "Effective paternal half sisters" refers to the fact that the usefulness of records of sibs depends on how they are distributed in different herds. The actual number of half sisters is converted to a one sister-per-herd basis by use of the ratio $20 / (1/b - 1)$, where b is the regression coefficient used in computing the Predicted Difference of the cow's sire. This has the effect of severely discounting sibs' records when these are largely in a single herd.

2/ Values given under the heading "Repeatability of index" are criteria of the accuracy with which the index measures the true breeding merit of the cow. In technical terms, this value corresponds to the squared multiple correlation coefficient. The larger this figure, the more accurate the index evaluations.

The index is expressed in terms of a difference from zero. Because the cows listed in this publication were selected for their high index ratings, all values listed are positive. To illustrate the calculation of the index values, consider the following example in which a cow has two DHIA lactation records available:

<u>Lactation</u>	<u>Cow's 305-2X-ME records</u>	<u>Adjusted herdmate average</u>
1-----	16,887	12,491
2-----	17,823	12,602
Average--	17,355	12,546

Suppose that this cow has effectively 200 half sisters (corresponding to a sire regression coefficient of 0.91) with an average deviation from their herd-mates of plus 361 pounds of milk. The proper weights are obtained from table 2, and the index is calculated as follows:

$$\text{Index} = \frac{1}{2} [0.21 (17,355 - 12,546) + 0.72 (361)] = 635 \text{ lb.}$$

The repeatability value for the combination of two records of the cow and 200 effective half sisters is 39 percent, which indicates that this evaluation is more reliable than a combination of two records of the cow and five half sisters, for which the repeatability value is 28 percent.

The index values in this publication are computed in the manner exemplified above, except that the cows' and sisters' deviations are adjusted to account for the fact that a portion of the variation in herd averages is due to genetic differences.

The index values in this publication are in terms of the genetic transmitting ability of the cow. Previous editions of the "DHIA Cow Performance Index List" gave the indexes in terms of breeding value, which correspond exactly to twice the numeric values of this edition. Index values have been changed so that the cow index is now expressed in the same scale as the predicted differences of sire summaries. Accordingly, the two evaluations may be used to predict the genetic ability of a calf resulting from any particular mating: Expected genetic value of calf = Sire's Predicted Difference + index of dam.

DHIA COW PERFORMANCE INDEX LIST

Explanation

Tables 3 to 8, which are separated by breeds, make up the "DHIA Cow Performance Index List." The first column in each of the tables shows the DHIA herd code of the last herd in which the cow made a record. In this code, the first two digits refer to the State in which the herd is located. State names and DHIA code numbers are shown in the tabulation that follows. Other numerals in the herd code are explained in the U.S. Department of Agriculture Handbook No. 278, "National Cooperative Dairy Herd Improvement Program Handbook." Handbook No. 278 can be obtained from the Office of Information, U.S. Department of Agriculture, Washington, D. C. 20250.

The next column shows the registration number of the cow. Canadian registrations are indicated by a "C" immediately after the number.

The registration number of the cow's sire is shown in the next column. Additional information about the sire can be obtained from the latest edition of the "DHIA Sire Summary List." Copies of the DHIA Sire Summary List can be obtained from Agricultural Research Service, Animal Husbandry Research Division, Beltsville, Maryland 20705.

STATE CODES AND NAMES

CAR CODES AND INTERPRETATION

11	Maine	55	North Carolina	Blank--Dry; no abnormal conditions
12	New Hampshire	56	South Carolina	B,2-----Sold, presumably for dairy purposes
13	Vermont	57	Georgia	C,3-----Died or sold for beef
14	Massachusetts	58	Florida	D,4-----Injury
15	Rhode Island	61	Kentucky	E,5-----Mastitis
16	Connecticut	63	Tennessee	F,6-----Ketosis
21	New York	64	Alabama	G,7-----Other sickness
22	New Jersey	65	Mississippi	H,8-----Record terminated by abortion
23	Pennsylvania	71	Arkansas	I,9-----Nurse cow
31	Ohio	72	Louisiana	
32	Indiana	73	Oklahoma	
33	Illinois	74	Texas	
34	Michigan	81	Montana	
35	Wisconsin	82	Idaho	
41	Minnesota	83	Wyoming	
42	Iowa	84	Colorado	
43	Missouri	85	New Mexico	
45	North Dakota	86	Arizona	
46	South Dakota	87	Utah	
47	Nebraska	88	Nevada	
48	Kansas	91	Washington	
50	Delaware	92	Oregon	
51	Maryland	93	California	
52	Virginia	94	Puerto Rico	
54	West Virginia	95	Hawaii	
		96	Alaska	

Columns immediately after the cow's birth date show the average performance of her herdmates (adjusted for number), averaged for all her lactations. These data are followed by the cow's average days in milk, number of lactation records, and production of milk and butterfat.

The calving date corresponding to the cow's last available lactation is shown next. Events, if any, that affected the cow's last record are shown by code in the column headed "CAR." These codes are explained in the preceding tabulation. The alphabetic codes indicate incomplete records which were extended to a 305-day basis.

The last three columns show the cow's index for milk and butterfat and the Repeatability (REP) or "confidence value" for the indexes.

Tables 3 to 8 follow. The owners of cows in the Index List are shown in table 9 at the end of this publication. Owners are listed according to DHIA herd code, but some herd codes do not appear in table 9 if the herds have been dispersed or if they are not currently on a central processing testing program.

TABLE 3.—HIGH-RANKING PROGENY OF DHIA Sires: AYRSHIRE

COW'S LAST HERD CODE	COW'S REGISTRATION NO.	COW'S SIRE REGISTRATION NO.	COW'S BIRTH DATE (Mo.) (Day) (Yr.)	HERDMATES			AVERAGE PRODUCTION OF COW				LAST CALVING		REPEAT- ABILITY (Pct.)		COW INDEX	
				NUM- BER	MILK (Lb.)	FAT (Lb.)	IN MILK (Days)	REC- ORDS	MILK (Lb.)	FAT (Pct.)	(Mo.) (Yr.)	CAR			MILK	FAT
11-15-0078	647587	117936	10 11 61	23	10,707	443	305	4	22,322	3.5	12-67		43		2014	66
12-11-0128	643128	122478	7 30 61	18	13,290	553	304	5	19,182	4.4	12-67		35		906	44
12-14-0150	686604	117936	5 4 64	30	12,840	506	301	2	15,205	4.2	2-68		40		865	39
12-16-0161	696197	119554	10 6 65	23	10,270	409	305	1	14,160	3.8	10-67		31		609	20
12-18-0168	695787	117936	7 23 65	6	13,360	498	305	1	19,300	3.9	10-67		35		1111	47
12-18-0168	693024	117936	4 20 65	5	13,090	488	305	1	18,430	3.7	8-67		35		1063	42
12-18-0168	672826	117936	10 26 63	6	13,340	497	305	1	18,690	3.7	9-67		35		1066	41
13-01-0212	680760	117936	2 5 64	25	12,670	477	305	2	17,065	3.8	11-67		40		1070	42
13-01-0212	680759	117936	10 6 63	22	12,820	470	305	2	16,395	3.9	6-67		40		988	42
13-01-0226	671625	117936	11 15 63	22	10,995	432	301	2	15,375	3.9	11-67		40		1052	43
13-01-0418	696899	117936	9 13 65	28	10,320	401	305	1	14,640	4.0	10-67		35		965	41
13-01-0418	669223	117936	8 23 63	26	10,690	410	300	3	13,633	4.0	10-67		42		924	41
13-01-0543	652950	117936	4 17 62	9	10,810	447	302	3	14,270	4.1	11-67		42		986	41
13-01-0543	697735	117936	3 8 65	8	10,260	409	305	1	14,540	4.2	9-67		35		962	42
13-01-0543	697333	117936	11 8 64	7	10,220	417	305	1	14,770	4.0	11-67		35		982	39
13-01-0601	698726	117936	10 11 63	20	12,760	514	304	3	18,300	3.9	1-68		42		1251	47
13-01-0601	698727	117936	11 9 63	12	12,796	513	293	3	17,403	3.7	4-68		42		1143	40
13-01-0601	698227	117936	9 18 65	24	12,390	498	305	1	19,020	4.2	2-68		35		1155	50
13-01-0601	697835	117936	2 14 63	28	11,895	476	305	2	17,900	4.0	9-67		40		1226	50
13-01-0601	685348	117936	11 16 64	20	12,525	505	305	2	15,885	4.2	2-68		40		963	43
13-01-0601	677382	117936	4 16 64	26	12,280	490	305	2	16,850	4.2	2-68		40		1084	48
13-01-0601	691094	117936	3 24 65	24	11,260	444	305	1	16,900	4.0	7-67		35		1072	44
13-01-0601	655080	117936	10 20 62	30	12,593	508	305	3	19,110	3.9	11-67		42		1364	52
13-01-0601	668944	117936	10 26 63	28	12,440	500	305	2	16,250	4.0	2-68		40		1008	41
13-01-0601	641425	117936	11 1 61	22	13,164	529	298	5	15,778	4.3	2-68		44		932	44
13-02-0012	655690	117936	8 31 62	24	13,430	551	303	4	16,682	3.9	3-68		43		1007	39
13-02-0012	662751	117936	4 24 63	15	12,496	516	296	3	17,586	4.1	11-67		42		1195	50
13-02-0012	652214	117936	7 5 62	32	12,780	512	296	4	16,927	3.6	6-67		43		1110	37
13-02-0012	686433	117936	9 1 64	18	13,495	571	305	2	19,490	4.2	3-68		40		1242	52
13-02-0012	680610	117936	5 19 64	13	13,265	558	305	2	19,380	3.9	3-68		40		1252	47
13-02-0099	697276	117936	7 23 65	15	11,720	459	305	1	15,380	4.1	9-67		35		926	40
13-02-0099	670164	117936	8 19 63	9	12,080	471	305	2	15,280	4.1	9-67		40		942	42
13-02-0105	644595	117936	8 29 61	26	9,260	387	305	3	12,590	4.2	9-67		42		953	40
13-06-0130	647588	117936	10 25 61	13	10,800	433	303	4	13,642	4.1	1-68		43		923	40
13-06-0130	659671	117936	1 17 63	10	10,995	444	305	2	13,820	4.2	10-67		40		893	39
13-09-0252	700203	117936	8 18 65	29	12,540	483	301	1	16,760	3.8	12-67		35		975	39
13-09-0427	665933	117936	3 13 63	24	12,750	483	298	3	16,483	3.9	7-67		42		1040	43
13-09-0427	670587	117936	3 19 63	25	12,743	484	305	3	17,750	4.0	8-67		42		1188	50
13-11-0217	673146	117936	9 14 63	9	11,460	463	305	2	14,670	4.2	11-67		40		937	41
13-11-0217	659211	117936	10 10 62	5	11,806	473	305	3	16,423	4.3	3-68		42		1132	51
13-11-0217	648588	117936	10 15 61	9	10,820	437	305	4	13,050	4.3	9-67		43		847	39
13-14-0180	659409	117936	9 21 62	8	12,180	474	305	2	16,690	4.1	3-68		40		1077	48
13-14-0180	709444	117936	10 6 65	14	11,080	446	305	1	15,770	4.1	12-67		35		999	42
14-10-0001	710358	117936	9 17 63	29	10,625	421	304	2	13,895	4.0	2-68		40		935	39
14-12-0001	691506	126011	3 2 65	37	10,260	413	305	1	14,910	3.8	8-67		25		626	21

14-12-0202	637696	117936	8 26 61	29	9,612	380	305	4	14,317	3.7	531	1-68	43	1140	42
14-14-0078	658984	119554	7 14 62	17	12,240	522	304	3	14,566	4.5	659	11-67	38	575	27
14-14-0078	661914	117936	1 5 63	21	11,650	494	305	3	13,680	4.5	611	8-67	42	829	39
14-14-0280	688090	117936	6 26 64	15	9,495	384	305	2	14,620	3.7	548	1-68	40	1112	41
14-16-0015	685986	117936	8 25 64	14	14,880	603	305	2	20,800	3.6	753	3-68	40	1248	42
14-16-0015	649338	117936	3 1 62	35	14,753	574	305	3	20,720	4.3	896	7-67	42	1324	63
14-17-0040	674215	117936	2 7 63	22	11,280	455	301	2	15,605	4.0	628	8-67	40	1049	43
15-11-0116	659567	117936	2 27 63	20	11,403	459	305	3	19,853	3.8	760	11-67	42	1574	60
15-11-0131	675602	117936	1 8 63	13	10,233	411	303	3	16,023	4.0	634	7-67	42	1250	50
16-06-0055	694511	119554	2 7 65	26	12,440	514	305	1	16,500	4.0	667	9-67	31	640	23
16-06-0055	694518	119554	8 7 65	26	12,510	516	305	1	17,560	3.9	680	11-67	31	721	24
16-06-0055	687302	117936	2 21 64	26	12,720	525	293	2	18,560	4.3	805	3-68	40	1218	55
16-06-0127	681093	117936	2 19 64	22	9,885	380	305	2	14,210	3.9	548	7-67	40	1035	42
16-06-0136	702487	119554	9 2 65	8	9,820	376	305	1	15,780	3.9	615	12-67	31	774	29
16-06-0136	632919	119554	3 22 61	27	10,536	408	295	3	13,123	4.1	534	4-67	38	586	24
16-06-0136	613094	119554	9 30 59	28	11,275	438	295	4	14,052	3.9	547	4-67	39	635	24
16-16-0156	662554	117936	3 25 63	11	12,743	490	297	3	16,126	4.0	650	9-67	42	999	44
21-04-0134	698531	117936	1 1 66	31	10,050	385	305	1	15,220	3.8	581	1-68	35	1027	41
21-04-0311	656620	117936	11 11 62	13	13,110	483	299	3	15,960	4.1	654	11-67	42	941	45
21-08-0246	687666	117936	8 20 64	5	11,295	413	305	2	14,320	4.1	593	4-68	40	916	43
21-09-0077	687475	117936	7 19 64	25	10,115	396	296	2	13,130	4.1	538	4-68	40	903	39
21-09-0077	669043	117936	8 17 63	23	10,865	424	305	2	16,080	4.2	675	11-67	40	1135	51
21-09-0081	663794	117936	11 10 62	21	10,980	428	305	3	13,973	4.1	575	10-67	42	933	41
21-09-0081	699742	117936	7 30 65	8	13,070	478	305	1	18,540	3.7	685	3-68	35	1073	43
21-09-0374	663657	117936	3 14 63	13	11,893	461	295	3	14,803	4.2	619	4-68	42	934	43
21-09-0374	677729	117936	4 6 64	10	11,230	436	298	2	18,000	4.2	754	1-68	40	1298	58
21-09-0387	610162	117936	5 18 59	9	10,455	394	305	4	16,492	3.6	594	12-67	43	1316	48
21-10-0092	683162	117936	2 24 63	17	10,900	440	283	3	13,546	4.2	571	8-67	42	892	40
21-10-0109	688835	117936	8 22 63	21	12,603	484	298	3	16,516	3.7	614	1-68	42	1059	40
21-10-0449	687678	117936	11 2 64	35	9,920	402	305	1	14,350	3.9	565	8-67	35	971	39
21-10-0449	687682	117936	11 18 64	31	10,220	411	305	1	13,860	4.2	577	7-67	35	913	39
21-10-0449	657496	117936	9 19 62	25	12,316	495	304	3	16,386	3.9	637	7-67	42	1074	41
21-10-0449	657506	117936	10 18 62	29	11,025	445	305	2	20,815	3.8	784	6-67	40	1604	60
21-10-0449	613175	117936	9 28 59	16	11,876	457	304	6	16,168	3.7	600	7-67	44	1134	44
21-11-0552	674864	117936	2 26 63	13	14,270	576	305	3	19,430	3.8	743	4-68	42	1224	45
21-11-0552	674840	117936	8 16 62	15	14,632	594	305	4	18,255	3.9	720	3-68	43	1068	41
21-11-0552	687841	117936	12 6 64	23	14,150	573	305	1	17,310	4.3	745	10-67	35	907	41
21-11-0552	687326	117936	4 1 64	20	13,820	557	305	2	17,570	3.9	677	8-67	40	1016	39
21-11-0552	687327	117936	6 18 64	25	14,110	570	305	2	17,605	4.1	716	10-67	40	993	42
21-11-0552	679767	117936	3 7 64	22	13,945	563	305	2	17,380	4.0	698	9-67	40	985	40
21-12-0074	680869	117936	9 20 63	11	11,626	473	291	3	14,876	4.3	638	1-68	42	971	44
21-12-0074	680871	117936	2 17 64	22	11,845	482	301	2	15,565	4.2	654	9-67	40	993	43
21-12-0231	687335	117936	6 4 65	10	11,860	460	305	1	15,360	4.2	646	8-67	35	915	41
21-12-0231	665450	117936	10 12 64	17	12,295	479	305	2	14,580	4.2	613	12-67	40	851	39
21-12-0231		117936	3 5 63	11	11,306	446	303	3	13,946	4.2	579	8-67	42	896	40

TABLE 3.—HIGH-RANKING PROGENY OF DHIA SIRE: Ayrshire—Continued

COW'S LAST HERD CODE	COW'S REGISTRATION NO.	COW'S SIRE REGISTRATION NO.	COW'S BIRTH DATE (Mo.) (Day) (Yr.)		HERDMATES			AVERAGE PRODUCTION OF COW				LAST CALVING (Mo.) (Yr.)		REPEAT- ABILITY (Pct.)	COW INDEX	
					NUM- BER	MILK (Lb.)	FAT (Lb.)	IN MILK (Days)	REC- ORDS	MILK (Lb.)	FAT (Pct.)				MILK	FAT
21-12-0231	605185	117936	11	30	58	17	11,641	461	300	7	14,194	4.1	576	11-67	904	39
21-12-0231	676281	117936	11	3	63	13	11,750	463	293	3	15,606	3.9	603	2-68	1043	41
21-12-0345	695936	117936	11	20	63	7	11,790	471	305	2	16,170	3.9	624	7-67	1060	41
21-12-0397	673207	117936	10	16	63	20	9,815	385	305	2	13,475	4.0	535	10-67	966	40
21-12-0745	689731	117936	9	17	64	22	10,970	437	305	1	16,450	4.0	650	1-68	1058	43
21-13-0309	676789	117936	12	2	63	24	12,433	516	296	3	17,503	3.9	679	2-68	1192	44
21-13-0309	672073	117936	10	20	63	26	12,100	487	305	2	16,235	4.2	686	9-67	1038	46
21-13-0309	672071	117936	9	12	63	18	12,003	506	305	3	14,623	4.4	648	2-68	902	42
21-13-0666	594500	117936	10	14	58	22	11,318	454	303	6	15,903	4.1	652	10-67	1165	49
21-13-0666	685998	117936	6	28	64	19	11,300	466	305	2	16,270	4.1	673	11-67	1115	47
21-14-0263	691976	117936	2	25	65	6	9,510	380	275	1	12,750	4.2	541	9-67	878	39
21-14-0263	673869	117936	9	11	63	6	10,230	404	295	3	13,140	4.3	566	12-67	915	43
21-14-0453	696535	117936	8	6	65	18	13,010	498	305	1	17,110	4.0	676	10-67	969	41
21-14-0453	696537	117936	8	6	65	15	13,010	500	305	1	16,940	4.1	688	11-67	956	41
21-14-0453	686200	117936	3	15	64	19	12,410	494	305	1	15,930	4.3	686	6-67	921	42
21-16-0017	684858	117936	9	15	64	24	11,750	454	299	1	15,830	4.0	633	9-67	958	40
21-16-0017	684863	117936	10	14	64	23	12,150	469	305	1	16,020	4.1	661	10-67	945	42
21-16-0017	683354	117936	10	17	63	14	13,190	494	288	1	19,050	3.8	724	12-57	1103	45
21-16-0017	677982	117936	2	16	64	23	11,895	444	305	2	13,840	4.2	587	9-67	849	40
21-16-0017	612408	117936	11	5	59	27	11,610	452	303	6	16,136	4.0	648	9-67	1161	49
21-16-0017	677983	117936	2	29	64	22	11,320	438	299	2	15,345	3.7	574	8-67	1019	39
21-16-0017	674177	117936	1	12	64	7	11,176	433	305	3	15,406	3.9	605	4-68	1080	44
21-16-0017	660484	117936	8	28	62	17	12,133	474	295	3	16,430	3.4	563	11-67	1099	35
21-16-0017	661366	117936	12	16	62	14	12,086	476	305	3	16,770	3.7	619	4-68	1143	41
21-16-0017	668628	117936	9	12	63	22	11,320	438	305	2	14,080	4.1	571	8-67	890	39
21-16-0017	663640	117936	12	8	62	13	12,870	496	299	4	20,135	4.0	796	4-68	1499	62
21-16-0017	663048	117936	2	27	63	19	11,840	464	304	3	19,560	3.8	746	9-67	1494	57
21-16-0017	664112	117936	4	2	63	13	12,433	485	305	3	18,900	4.0	749	3-68	1355	56
21-16-0017	646366	117936	12	23	61	23	11,877	458	301	4	15,292	4.0	610	9-67	1007	43
21-16-0412	648739	117936	3	17	62	10	10,717	435	293	4	14,560	4.1	596	9-67	1046	44
21-16-0472	696620	117936	6	26	65	5	14,350	534	305	1	18,740	3.6	681	3-68	1001	39
21-19-0112	696984	117936	10	14	65	10	13,920	517	305	1	25,660	3.6	915	11-67	1553	57
21-19-0112	695652	117936	9	27	61	7	13,610	505	305	1	16,310	4.0	656	9-67	868	39
21-19-0112	645363	117936	10	7	61	12	12,810	488	305	3	18,053	3.9	711	2-68	1217	51
21-19-0112	652633	117936	5	3	62	14	12,910	488	300	3	18,040	3.7	670	11-67	1205	46
21-19-0112	670711	117936	9	11	65	13	12,813	483	303	3	17,540	3.5	621	11-67	1157	41
21-19-0113	691478	117936	5	8	64	11	9,280	358	305	2	12,910	4.5	583	9-67	958	47
21-20-0460	714044	117936	10	2	65	14	11,720	451	305	1	16,410	3.8	622	2-68	1004	40
21-20-0460	672265	117936	4	1	62	18	11,162	432	305	4	17,450	3.7	654	3-68	1356	51
21-21-0361	658829	117936	2	1	63	44	12,510	481	289	3	16,066	3.9	633	10-67	1017	43
21-21-0361	589927	117936	10	2	58	41	12,352	475	294	7	15,567	3.8	593	10-67	1000	39
21-21-0361	678111	117936	5	10	64	34	13,090	508	255	2	16,215	3.9	630	12-67	945	39
21-21-0361	697631	117936	11	4	65	51	12,150	476	243	1	16,500	4.3	708	10-67	981	45
21-21-0361	692596	117936	2	22	65	27	10,970	427	305	1	16,330	4.0	648	7-67	1049	43
21-22-0049	679978	117936	1	20	64	11	10,005	393	305	2	14,770	3.8	556	6-67	1081	41

21-22-0172	645570	117936	2	5	62	5	10,760	439	305	2	15,650	4.0	623	8-67	40	1101	44
21-24-0671	661084	117936	5	1	63	10	9,623	388	300	3	12,140	4.3	519	8-67	42	862	39
21-24-0671	677404	117936	11	27	63	13	9,825	394	305	2	14,975	3.8	574	11-67	40	1118	43
21-24-0671	697010	117936	9	24	65	12	9,810	384	305	1	14,920	3.7	556	11-67	35	1021	39
21-28-0541	685375	117936	3	17	63	8	9,960	399	305	3	14,113	3.9	557	1-68	42	1057	42
21-28-0541	685374	117936	2	27	62	9	9,872	391	300	4	14,812	4.5	660	12-67	43	1172	57
21-30-0854	690082	117936	1	1	65	49	10,470	404	305	1	14,780	4.2	624	9-67	35	966	43
21-32-0014	692046	117936	7	22	64	11	11,290	437	305	2	15,585	3.7	583	11-67	40	1046	40
21-32-0014	663257	117936	8	18	62	16	12,037	465	297	4	15,400	4.1	633	10-67	43	1003	45
21-32-0014	678843	117936	8	17	63	14	11,896	465	305	3	17,083	4.2	711	10-67	42	1200	53
21-32-0866	684367	117936	9	5	64	23	13,020	543	305	1	17,710	4.1	718	9-67	35	1014	41
21-32-0866	667662	117936	9	25	63	27	12,995	547	302	2	17,160	4.1	707	9-67	40	1050	43
21-32-0866	686303	117936	10	25	64	26	13,320	552	294	1	18,190	4.3	777	11-67	35	1030	45
21-35-0090	671719	117936	12	1	63	7	12,965	527	300	2	17,200	3.9	668	6-67	40	1057	41
21-37-0609	668815	117936	11	11	63	18	13,260	500	305	2	18,375	4.0	742	9-67	40	1150	51
21-37-0609	668801	117936	8	9	63	15	13,450	517	305	3	16,206	3.9	636	11-67	42	934	39
21-37-0609	677717	117936	2	29	64	21	13,260	496	301	2	15,705	4.0	629	8-67	40	877	40
21-37-0609	686773	117936	7	13	64	17	13,515	511	305	2	21,155	3.8	809	10-67	40	1410	56
21-37-0609	686779	117936	9	21	64	6	13,410	516	298	2	17,500	4.2	736	4-68	40	1047	49
21-39-0438	692911	117936	1	22	65	9	11,660	476	305	1	15,780	4.1	649	9-67	35	960	40
21-39-0438	686205	117936	1	4	65	11	11,260	458	305	1	15,310	4.0	616	12-67	35	952	39
21-39-0438	644426	117936	8	8	61	10	11,400	464	294	2	14,385	4.3	618	11-67	40	913	41
21-39-0575	664440	117936	7	6	62	18	11,130	452	294	4	14,135	4.3	606	11-67	43	947	43
21-39-0922	677847	117936	2	8	64	24	12,170	494	305	2	16,635	4.1	678	8-67	40	1072	45
21-39-0922	685788	117936	7	11	64	23	12,195	496	305	2	14,635	4.4	648	10-67	40	866	41
21-39-0922	661539	117936	8	16	62	22	12,296	500	287	3	16,110	3.9	623	9-67	42	1044	39
21-39-0922	649607	117936	10	29	61	23	12,245	495	305	4	17,185	4.0	689	9-67	43	1202	49
21-39-0922	694611	117936	3	25	65	25	11,670	480	298	1	15,160	4.3	652	9-67	35	913	40
21-39-0922	689276	117936	11	22	64	26	13,250	522	305	1	18,860	3.9	741	9-67	35	1085	44
21-39-0922	686020	117936	9	27	64	21	12,860	505	305	1	17,880	3.9	701	8-67	35	1037	42
21-39-0922	677744	117936	4	6	64	25	13,750	546	305	2	18,400	3.8	706	8-67	40	1107	43
21-39-0922	677742	117936	1	26	64	17	13,345	513	305	2	19,255	4.1	794	7-67	40	1232	55
21-39-0922	678013	117936	2	6	64	12	13,423	510	296	3	15,633	4.0	626	4-68	42	871	39
21-40-0845	665387	117936	5	1	63	23	12,470	484	300	3	17,160	3.8	648	12-67	42	1148	44
21-40-0845	598157	117936	1	18	59	11	11,743	462	298	6	16,123	4.2	685	7-67	44	1144	53
21-40-0845	680555	117936	5	9	64	26	12,255	483	305	2	15,135	4.1	614	11-67	40	911	39
21-40-0845	689057	117936	10	26	64	22	12,295	484	301	2	15,955	3.9	618	10-67	40	991	39
21-40-0845	693415	117936	9	4	64	17	12,230	473	305	2	18,120	3.7	664	8-67	40	1218	45
21-42-0029	698700	117936	11	16	65	9	10,610	419	305	1	14,470	4.4	632	2-68	35	933	43
21-42-0492	690499	117936	8	18	64	12	13,130	513	305	2	19,275	3.9	750	1-68	40	1253	50
21-42-0492	690510	117936	11	17	64	14	13,420	511	305	2	18,005	3.8	686	12-67	40	1097	44
21-42-0492	690516	117936	1	7	65	14	13,420	511	301	2	16,525	3.8	636	12-67	40	946	39
21-42-0492	711729	117936	12	8	65	13	12,650	500	305	1	16,620	3.9	653	1-68	35	957	39
21-42-0492	711731	117936	12	17	65	13	12,650	500	305	1	17,120	3.9	675	1-68	35	994	40
21-42-0492	665949	117936	12	15	62	10	12,850	497	305	3	15,966	3.9	628	9-67	42	969	40

TABLE 3.—HIGH-RANKING PROGENY OF DHIA SIRE: AYRSHIRE—Continued

COW'S LAST HERD CODE	COW'S REGISTRATION NO.	COW'S SIRE REGISTRATION NO.	COW'S BIRTH DATE (Mo.) (Day) (Yr.)	HERDMATES			AVERAGE PRODUCTION OF COW				LAST CALVING		REPEAT- ABILITY (Pct.)	COW INDEX	
				NUM- BER	MILK (Lb.)	FAT (Lb.)	IN MILK (Days)	REC- ORDS	MILK (Lb.)	FAT (Pct.)	(Mo.) (Yr.)	CAR		MILK	FAT
21-42-0492	625310	117936	12 23 60	11	13,318	512	297	5	19,682	3.6	714	10-67	44	1424	51
21-42-0751	664679	117936	4 10 63	31	11,613	460	294	3	15,713	4.0	633	7-67	42	1070	45
21-42-0751	664678	117936	4 10 63	33	11,873	466	303	3	16,980	3.9	668	11-67	42	1190	48
21-42-0751	672378	117936	8 17 63	23	12,276	477	305	3	17,496	3.7	651	3-68	42	1208	45
21-43-0287	674342	117936	9 26 63	21	12,566	468	302	3	16,823	3.4	569	12-67	42	1099	36
21-43-0287	681078	117936	10 12 63	28	11,630	436	286	1	16,580	3.9	652	9-67	35	1023	43
21-43-0287	694571	117936	4 15 65	18	11,560	424	305	1	15,860	3.7	587	7-67	35	973	39
21-43-0483	714666	117936	8 3 64	27	12,510	464	296	2	15,815	4.1	646	11-67	40	957	44
21-43-0483	687659	117936	4 6 64	30	12,540	468	232	2	16,185	3.8	622	11-67	40	992	41
21-43-0483	682955	117936	4 3 64	13	13,020	483	274	1	16,050	4.0	638	4-68	35	888	39
21-43-0483	586878	117936	9 25 58	22	12,936	494	293	5	17,976	3.7	661	3-68	44	1246	46
21-45-0219	682251	117936	1 29 63	36	10,610	429	289	3	14,540	3.8	556	10-67	42	1038	39
21-45-0219	727043	117936	10 9 65	8	9,880	389	295	1	14,230	4.0	566	4-68	35	964	40
21-45-0219	696139	117936	3 10 64	30	10,530	425	292	2	15,875	4.2	667	1-68	40	1145	50
21-45-0219	704013	117936	12 22 65	8	9,880	389	305	1	13,200	4.6	606	4-68	35	887	43
21-45-0392	703791	117936	11 21 65	19	13,640	493	305	1	18,310	3.6	659	12-67	35	1017	40
21-45-0452	689808	117936	3 22 63	21	12,330	483	304	2	16,885	4.0	680	8-67	40	1083	46
21-47-0026	700035	117936	11 1 65	6	11,720	457	305	1	15,810	4.0	632	3-68	35	959	40
21-49-0101	666217	117936	6 24 63	9	12,270	482	285	3	18,183	3.8	690	8-67	42	1289	49
21-49-0101	660490	117936	2 9 63	7	11,646	453	295	3	15,633	3.7	576	8-67	42	1057	39
21-52-0002	665151	117936	4 15 63	17	11,950	468	305	3	14,626	4.1	600	10-67	42	908	40
21-52-0002	686794	117936	10 1 64	12	11,290	441	305	1	15,890	3.8	609	9-67	35	994	40
21-52-0581	666625	117936	2 27 63	26	12,616	509	305	3	15,993	4.0	647	8-67	42	997	41
21-52-0581	661563	117936	3 8 63	25	12,950	520	304	3	16,120	4.2	671	11-67	42	977	43
21-52-0581	689112	117936	11 12 64	5	13,285	534	305	2	15,235	4.5	687	4-68	40	827	42
21-53-0166	624137	117936	8 25 60	19	10,048	382	295	6	14,230	3.7	528	10-67	44	1096	42
21-55-0340	672904	117936	8 24 63	12	10,816	432	298	3	14,936	4.5	673	12-67	42	1063	52
21-55-0340	678665	117936	8 9 62	6	11,900	463	283	2	16,535	3.6	595	2-68	40	1087	39
21-55-0340	663988	117936	4 13 63	12	10,930	430	298	2	15,540	3.9	605	9-67	40	1074	43
21-56-0333	657604	117936	9 21 62	8	12,507	457	305	4	16,395	3.8	624	12-67	43	1074	45
21-56-0425	664919	117936	3 14 63	9	11,816	461	305	3	14,613	4.2	618	3-68	42	920	43
21-56-0425	639563	117936	5 20 61	7	10,115	391	286	4	15,572	3.6	555	6-67	43	1240	44
21-56-0425	678387	117936	3 7 64	7	10,910	437	305	2	15,030	4.2	630	12-67	40	1024	45
21-56-0425	639562	117936	5 11 61	6	10,782	419	303	4	13,417	4.1	544	10-67	43	897	39
23-09-0607	688625	117936	1 3 65	30	11,980	499	305	1	19,340	3.7	722	9-67	35	1207	44
23-09-0607	690517	117936	1 21 65	27	11,600	477	305	1	18,900	3.6	679	6-67	35	1200	42
23-09-0607	669176	117936	11 17 63	32	13,310	545	301	2	18,460	4.4	813	2-68	40	1154	54
23-15-0257	657924	117936	8 30 62	35	11,312	471	305	3	18,270	4.7	865	2-68	43	1442	73
23-15-0257	664817	117936	3 23 63	36	11,310	469	305	3	17,456	4.4	767	2-68	42	1304	59
23-15-0525	684618	126009	9 7 64	82	12,615	528	305	2	16,865	4.1	693	11-67	29	635	27
23-19-0127	685858	117936	8 18 64	8	13,790	515	303	2	16,940	3.9	658	1-68	40	955	41
23-35-0001	689884	117936	10 15 64	119	8,640	346	305	1	15,170	3.5	533	9-67	35	1120	40
23-36-0605	687299	117936	1 25 63	47	11,920	483	305	3	15,620	4.1	637	1-68	42	1027	43
23-36-0605	649503	117936	12 25 61	42	11,505	469	305	4	16,517	4.0	659	12-67	43	1202	48
23-40-0076	689341	126011	3 12 65	16	11,810	494	305	1	18,410	4.0	738	9-67	25	812	29

23-40-0076	689339	126011	3 18 65	16	11,810	494	305	1	16,590	3.9	647	9-67	25	652	21
23-44-0005	655239	117936	10 20 62	47	12,610	505	305	3	15,883	4.1	649	8-67	42	985	42
23-44-0030	613067	119554	5 19 59	14	10,910	420	235	4	15,045	3.9	581	1-68	39	811	30
23-44-0086	662194	119554	4 4 62	19	10,625	420	296	4	13,170	3.9	512	8-67	39	596	21
31-01-00360	675763	117064	8 24 63	21	8,690	361	305	2	12,670	3.9	489	9-67	38	624	20
31-02-9960	707209	117936	11 8 65	23	11,650	483	305	1	18,150	3.8	695	9-67	35	1140	43
31-54-9052	668967	117936	8 16 63	24	10,835	435	305	2	14,750	4.1	612	7-67	40	1002	43
31-54-9052	641803	117936	11 2 61	31	11,967	465	305	4	17,792	3.9	695	10-67	43	1309	53
31-65-0450	658411	117064	11 20 62	15	10,605	411	305	2	13,730	4.2	581	3-67	38	555	25
31-76-9088	593047	119160	1 7 59	12	13,777	546	305	4	18,705	4.5	840	9-67	42	575	36
31-85-9128	686704	116767	10 16 63	15	13,050	504	305	2	18,130	4.1	744	11-67	40	604	20
33-09-0001	688793	125928	11 5 64	5	12,245	447	298	2	16,365	3.6	585	12-67	35	744	24
33-11-0671	678693	117064	2 16 64	7	8,090	314	296	1	12,660	4.2	532	12-67	34	577	24
33-61-0510	679085	117936	5 30 64	15	13,820	545	305	2	22,210	3.9	856	8-67	40	1489	58
33-61-0510	664104	117936	8 10 62	14	12,943	506	305	3	16,250	3.8	623	7-67	42	993	39
33-61-0510	592985	117936	9 29 58	16	12,610	495	299	6	17,593	3.7	654	7-67	44	1234	45
33-61-0510	587563	117936	11 7 58	42	14,066	556	304	6	18,496	4.0	747	2-68	44	1181	50
33-61-0510	617719	117912	8 9 59	14	12,486	494	305	3	17,550	3.6	631	2-67	34	803	21
33-61-0510	679084	117936	5 11 64	18	14,355	557	305	2	18,140	3.7	676	6-67	40	1025	39
33-92-0471	672668	117936	1 7 64	16	11,710	479	305	1	18,990	4.0	754	8-67	35	1199	48
34-39-0119	679146	116767	9 17 63	8	12,510	473	305	2	19,010	3.2	613	2-67	40	743	10
35-10-0057	670269	120445	4 5 61	6	13,050	500	305	2	21,560	3.7	798	10-67	29	1160	41
35-68-0051	644186	117225	10 30 56	11	9,020	367	305	4	15,812	4.3	684	11-67	37	1005	46
41-50-0029	614889	115876	1 9 60	11	11,720	470	305	2	20,075	4.2	847	2-68	31	889	40
41-58-0080	612326	117936	10 19 59	11	8,870	339	287	5	12,320	4.0	489	3-68	44	985	42
42-03-0156	686377	117936	10 2 64	13	10,610	419	287	2	13,275	4.2	555	11-67	40	873	39
42-10-0079	701863	117706	9 26 65	20	10,710	412	305	1	17,280	3.7	639	9-67	29	793	25
42-22-9191	685031	117936	9 22 64	14	11,440	429	305	1	15,790	3.8	606	8-67	35	976	40
42-28-0133	696907	117936	9 25 65	35	13,470	458	305	1	19,670	3.2	623	3-68	35	1131	39
42-28-0133	697433	117936	10 11 65	32	13,410	463	305	1	17,150	3.8	656	12-67	35	945	42
42-28-0133	647329	117936	10 3 61	35	12,693	460	298	3	16,416	3.8	630	1-68	42	1038	44
42-28-0133	694472	117936	3 22 65	32	13,410	463	305	1	16,720	3.7	622	12-67	35	912	39
42-79-9028	688894	125032	1 30 64	13	12,340	492	304	2	16,640	4.0	662	8-67	29	733	27
42-79-9028	688896	125032	4 22 64	8	11,410	422	305	1	15,900	3.7	596	2-67	23	621	21
42-96-0027	679969	117936	7 17 64	13	9,960	386	292	2	14,755	3.6	532	9-67	40	1083	40
42-96-0027	585154	117936	10 14 58	10	11,054	420	304	7	15,261	3.6	553	7-67	44	1113	40
48-03-0075	676349	124693	1 28 64	6	10,010	412	298	2	15,175	3.9	588	10-67	29	821	29
48-03-0075	676351	124693	3 26 64	6	10,910	424	298	2	17,815	3.9	698	1-68	29	1046	42
48-03-0075	689031	124693	10 5 64	6	12,310	481	301	1	17,600	3.7	656	2-67	23	714	25
48-14-9016	629502	117905	11 18 60	30	11,626	482	305	5	18,818	4.3	802	1-68	41	945	44
48-19-9034	690266	125928	1 14 65	30	11,590	453	305	1	15,670	3.7	584	5-67	30	633	20
48-45-9030	607997	116628	11 24 58	30	11,494	427	305	5	16,964	3.9	657	8-67	43	1014	42
48-91-0002	690846	117064	11 30 64	11	9,685	373	300	2	13,780	4.1	568	1-68	38	647	28
51-10-0005	664618	117936	2 1 63	31	11,003	450	305	3	15,400	4.5	692	9-67	42	1097	53
54-31-0016	655388	117936	8 13 62	19	11,970	477	305	3	14,710	4.2	619	8-67	42	915	41

TABLE 3.—HIGH-RANKING PROGENY OF DHIA SIRE: AYRSHIRE—Continued

COW'S LAST HERD CODE	COW'S REGISTRATION NO.	COW'S SIRE REGISTRATION NO.	COW'S BIRTH DATE (Mo.) (Day) (Yr.)	HERDMATES			AVERAGE PRODUCTION OF COW				LAST CALVING		REPEAT- ABILITY (Pct.)		COW INDEX	
				NUM- BER	MILK (Lb.)	FAT (Lb.)	IN MILK (Days)	REC- ORDS	MILK (Lb.)	FAT (Pct.)	(Mo.) (Yr.)	CAR			MILK	FAT
57-39-0001	680646	117936	3 13 64	34	10,680	432	216	2	13,795	4.1	9-67	B	40	919	40	
58-06-0028	670010	117936	12 12 63	17	11,930	445	305	1	17,040	3.6	12-67		35	1037	39	
61-32-0509	693866	117936	10 27 64	13	11,740	463	298	1	16,190	3.9	7-67	B	35	986	39	
61-32-0509	686500	117936	8 23 64	5	11,580	470	305	1	17,750	4.0	10-67		35	1115	45	
63-03-2007	594667	117936	3 16 59	50	11,745	442	245	4	16,022	3.7	7-67	B	43	1113	42	
65-03-0052	699348	119554	4 23 65	46	10,560	398	305	1	15,210	3.5	2-67		31	673	20	
73-46-0020	677026	116767	9 30 63	7	10,865	420	305	2	16,400	4.2	1-68		40	628	22	
73-77-9003	692457	117064	11 27 64	62	10,210	388	305	1	14,310	3.8	8-67		34	557	20	
84-03-9461	663446	117064	1 19 63	7	10,900	458	305	2	14,995	4.0	7-67		38	659	23	
84-03-9461	690059	117064	1 7 65	8	10,680	440	305	1	15,860	4.0	3-67		34	644	23	
91-34-5079	671487	123286	10 5 63	6	12,533	521	305	3	15,866	4.2	12-67		33	576	27	
91-62-5016	667429	122324	7 18 63	13	11,916	457	303	3	20,396	3.2	10-67		33	1119	23	
91-74-5027	679434	116092	1 17 64	18	13,470	528	305	2	16,885	4.0	10-67		32	568	23	
91-74-5027	689694	116092	10 27 64	18	13,680	540	305	1	18,660	3.8	10-67		27	604	21	
91-74-5027	652360	116092	3 6 62	19	13,190	511	305	3	16,793	4.0	9-67		35	639	27	
93-36-0947	621213	117912	11 13 59	6	13,056	498	286	3	16,743	4.3	4-67		34	629	31	
93-49-9124	623974	120135	7 1 60	44	13,037	503	300	4	16,020	3.9	7-67		34	693	28	
93-49-9124	695568	120135	4 20 65	45	12,490	500	305	1	17,830	4.5	8-67		24	757	40	
93-49-9124	701261	120135	10 18 65	17	13,730	550	305	1	17,230	4.1	1-68		24	604	28	
93-49-9124	660783	120135	1 8 63	50	12,816	493	305	3	16,960	3.9	7-67		32	821	34	
93-49-9124	656153	120135	5 16 62	51	12,760	493	300	4	15,410	4.0	8-67		34	641	30	
93-49-9124	656152	120135	4 28 62	53	12,846	493	305	3	17,526	4.0	9-67		32	894	40	
93-49-9124	696055	120135	9 4 65	43	12,490	501	305	1	16,420	4.1	9-67		24	631	28	
93-49-9124	656179	120135	10 8 62	51	12,593	484	303	3	15,736	4.7	8-67		32	683	46	
93-49-9124	656163	120135	7 2 62	46	12,773	492	305	3	15,326	4.4	10-67		32	606	36	
93-49-9124	696049	120135	7 26 65	30	12,960	518	305	1	17,110	3.9	11-67		24	655	26	
93-49-9124	667416	120135	5 27 63	59	13,410	500	305	2	18,670	3.4	3-67		29	903	28	
93-49-9124	696053	120135	8 20 65	22	13,430	536	305	1	18,240	3.9	12-67		24	718	29	

TABLE 4.—HIGH-RANKING PROGENY OF DHIA SIRE: GUERNSEY

COW'S LAST HERD CODE	COW'S REGISTRATION NO.	COW'S SIRE REGISTRATION NO.	COW'S BIRTH DATE (Mo.) (Day) (Yr.)	HERDMATES			AVERAGE PRODUCTIVE LIFE OF COW					LAST CALVING		REPEAT- ABILITY (Pct.)		COW INDEX	
				NUM- BER	MILK (Lb.)	FAT (Lb.)	IN MILK (Days)	REC- ORDS	MILK (Lb.)	FAT (Pct.)	FAT (Lb.)	(Mo.) (Yr.)	CAR			MILK	FAT
11-15-0009	2098594	540546	7 5 61	12	9,360	440	305	4	12,572	4.7	594	9-67		35		548	27
13-09-0221	2236938	549235	11 17 63	5	7,975	373	305	2	11,830	4.2	497	11-66		40		760	17
13-09-0221	2182662	549235	12 6 62	9	8,383	390	298	3	11,883	4.5	534	3-67		42		762	21
13-11-0436	2210665	553895	3 11 63	19	10,226	489	305	3	13,983	4.7	658	11-67		32		616	29
13-14-0027	2189952	538021	11 27 62	10	11,010	511	283	3	14,510	4.2	615	3-68		38		582	22
13-14-0160	2123556	549235	1 6 62	20	11,340	507	296	3	14,973	4.2	625	9-66		42		811	20
14-12-0102	2113181	547319	1 5 61	9	11,557	561	305	4	14,725	4.8	711	4-68		40		623	30
14-12-0102	2169596	552607	9 15 62	17	12,522	612	305	4	15,212	5.0	757	11-67		35		595	32
14-12-0102	2212702	552607	7 15 63	14	12,263	595	305	3	14,993	4.8	727	10-67		33		570	29
14-12-0102	2342129	547319	10 2 65	14	12,980	630	305	1	16,280	4.5	728	12-67		31		562	22
14-14-0125	2235747	553356	10 29 63	6	11,523	528	305	3	15,520	4.3	660	3-68		37		708	31
14-14-0125	2022583	545201	5 14 60	15	10,576	489	304	6	13,896	4.6	645	12-67		40		545	29
14-15-0015	2077348	537303	1 26 61	9	11,347	534	297	4	14,560	4.6	673	12-67		35		612	26
14-15-0117	2265118	496783	12 1 63	28	9,845	460	305	2	16,370	4.5	729	10-67		40		790	37
14-16-0009	2194782	526294	2 18 63	15	8,896	422	304	3	12,560	4.7	585	8-67		42		594	22
14-16-0009	2229341	552456	9 21 63	11	9,540	441	301	2	14,490	4.2	607	11-67		30		727	27
14-16-0009	2276277	552456	5 18 64	10	9,000	424	305	2	15,135	4.6	695	12-67		30		862	39
14-18-0213	2087235	526294	4 1 61	10	10,356	478	305	5	15,762	4.4	700	2-68		44		884	33
15-11-0118	2107186	522735	10 24 61	17	7,980	383	305	3	11,710	4.5	531	2-68		33		584	24
15-11-0153	2176626	553356	12 13 62	10	8,767	403	271	4	11,672	4.4	515	2-68		39		567	28
16-06-0026	2182846	551583	9 3 62	12	12,930	635	305	4	16,572	4.7	774	3-68		41		579	22
16-06-0029	2184386	511244	9 24 62	23	13,023	648	305	3	17,920	4.6	828	1-68		42		811	26
16-06-0029	2026505	475548	5 15 60	17	13,272	655	305	5	16,396	4.8	779	4-67		44		608	30
16-06-0029	2090332	525327	11 12 59	23	13,712	689	305	5	16,890	5.2	881	6-67		41		578	38
16-06-0029	2140162	549235	12 9 61	23	13,465	686	305	2	16,975	4.5	767	10-66		40		781	16
16-06-0029	2149108	549235	6 7 62	26	10,395	525	290	2	14,340	4.2	596	2-67		40		748	13
16-06-0029	1941255	475548	3 4 59	14	12,997	646	305	4	16,317	5.0	808	10-67		43		610	34
16-06-0034	2339840	533769	3 2 65	18	13,035	626	305	2	18,670	4.6	861	3-68		40		883	30
16-06-0050	2285370	555819	8 23 64	33	10,890	532	305	2	15,545	5.2	810	11-67		34		550	34
16-06-0208	2138492	548911	6 1 61	28	11,430	556	302	4	14,422	4.6	670	2-68		35		625	25
16-06-0208	2113196	422711	6 18 61	28	11,900	587	293	3	15,130	5.0	757	10-67		41		577	23
16-06-0208	2149859	548911	9 21 61	21	11,787	578	305	4	15,065	4.8	719	7-67		35		671	29
16-06-0221	2312080	511244	7 18 64	30	11,375	557	305	2	15,140	5.0	756	7-67		40		609	24
16-10-0037	2184363	511244	11 25 62	31	11,123	506	305	3	14,863	4.7	699	11-67		42		654	26
16-10-0041	2228287	526294	10 22 63	25	9,523	464	305	3	15,573	4.1	646	4-68		42		878	25
16-10-0045	2281320	526294	7 22 64	13	10,300	509	305	2	15,295	4.7	719	1-68		40		697	25
16-12-0017	2219988	526294	7 31 63	26	10,056	458	305	3	14,230	4.6	654	12-67		42		667	26
16-12-0017	2235162	504932	10 14 63	15	9,546	419	303	3	15,673	4.4	682	4-68		41		798	39
21-02-0380	2286591	511244	12 12 64	18	12,280	580	305	1	17,310	4.6	799	1-68		35		620	21
21-05-0221	2166060	511244	8 12 62	22	10,790	495	305	3	14,163	4.5	638	6-67		42		607	20
21-05-0221	2088261	510634	1 7 61	29	10,928	517	305	5	16,806	4.3	726	1-68		44		868	29
21-06-0655	2075823	465971	9 8 60	10	9,562	452	294	5	13,206	4.3	567	1-68		42		641	21
21-11-0090	2087939	546618	8 10 61	15	11,725	585	305	4	15,895	5.0	797	9-67		37		658	42
21-11-0090	2274341	511244	7 4 64	15	11,700	583	285	2	16,175	4.7	756	1-68		40		685	22
21-13-0004	2331561	546331	4 26 65	10	12,290	603	305	1	15,800	4.5	714	11-67		35		555	25

TABLE 4.—HIGH-RANKING PROGENY OF DHIA SIRE: GUERNSEY—Continued

COW'S LAST HERD CODE	COW'S REGISTRATION NO	COW'S SIRE REGISTRATION NO.	COW'S BIRTH DATE (Mo.) (Day) (Yr.)	HERDMATES			AVERAGE PRODUCTION OF COW						LAST CALVING		REPEAT- ABILITY (Pct.)	COW INDEX	
				NUM- BER	MILK (Lb.)	FAT (Lb.)	IN MILK (Days)	REC- ORDS	MILK (Lb.)	FAT (Pct.)	FAT (Lb.)	(Mo.) (Yr.)	CAR	MILK		FAT	
21-13-0004	2291703	546331	3 1 65	14	9,930	494	300	1	13,800	5.0	694	7-67		35	596	33	
21-13-0328	2317142	552752	8 1 62	16	10,390	495	305	3	14,763	4.7	698	3-68		38	727	34	
21-13-0398	2312746	546331	3 7 63	20	10,523	498	217	3	14,453	4.6	658	7-67		41	742	35	
21-13-0398	2235020	511244	10 10 63	30	11,976	592	305	3	17,436	4.2	731	11-67		42	864	21	
21-13-0398	2245723	549235	3 1 64	24	11,195	550	305	2	15,860	4.3	684	7-67		40	875	20	
21-13-0704	2315025	561763	1 5 65	39	8,600	411	305	1	13,850	4.6	636	10-67		30	569	25	
21-21-0526	2327602	497411	10 29 62	28	8,145	390	301	2	14,025	4.9	681	9-67		38	720	28	
21-30-0478	2270791	533769	4 23 64	58	10,925	521	305	2	13,925	4.8	666	3-68		40	592	20	
21-31-0094	2245938	549235	9 27 62	21	11,213	503	294	3	15,050	4.2	629	2-67		42	833	21	
21-40-0866	2015973	475548	2 29 60	23	12,660	596	297	6	16,410	4.6	754	11-67		44	681	34	
21-40-0982	2008537	475548	9 11 59	14	11,906	571	304	5	14,988	4.6	691	3-67		44	584	28	
22-10-0117	2117158	527889	10 19 61	59	8,646	420	305	3	13,570	5.1	691	6-67		34	784	43	
22-10-0117	2117145	527889	8 21 61	51	8,907	445	305	4	13,397	4.6	611	11-67		35	769	31	
22-10-0117	2084738	527889	7 13 61	62	8,640	425	305	3	13,436	4.8	601	10-67		34	635	31	
22-10-0117	2031671	527889	10 30 60	59	9,127	452	301	4	12,160	4.9	596	2-68		35	566	28	
22-10-0117	2117148	527889	9 8 61	62	8,893	439	305	3	12,983	5.1	661	2-68		34	677	37	
22-10-0117	2012830	527889	4 23 60	53	9,372	464	305	4	12,572	4.7	586	12-67		35	593	25	
22-10-0117	1956439	527889	8 21 59	65	9,480	462	305	4	14,267	4.6	660	1-68		35	818	36	
22-26-0114	2281380	558793	10 19 64	18	13,890	637	305	2	20,085	3.9	789	3-68		32	986	30	
22-29-0303	2288280	559319	8 12 64	160	11,080	555	305	1	14,960	4.5	673	1-67		22	573	21	
22-29-0303	1871529	473225	9 3 56	127	11,196	573	305	3	17,393	4.9	857	6-67		39	763	36	
22-29-0303	2081621	532698	1 4 60	135	11,306	576	305	3	15,573	5.5	856	11-67		36	552	40	
22-29-0303	2150642	532698	1 20 60	123	10,895	560	305	4	15,122	4.8	722	7-67		37	579	26	
22-29-0303	2026748	532698	7 18 58	144	11,437	582	302	4	15,757	5.0	792	1-68		37	599	33	
22-29-0303	2260177	559319	12 27 63	115	10,325	534	305	2	13,215	5.1	672	8-67		28	555	26	
22-29-0303	2211348	559319	1 18 63	121	11,200	572	305	2	14,800	5.1	758	5-67		28	650	33	
22-29-0303	2224748	559319	4 17 63	162	11,355	573	305	2	16,250	4.5	724	12-66		28	809	28	
23-01-0010	2227269	491487	7 28 63	29	10,513	482	287	3	15,050	4.3	642	12-67		39	585	20	
23-01-0095	2339257	511244	5 31 65	11	10,860	530	305	1	16,650	4.8	803	9-67		35	667	25	
23-01-0161	2379894	549235	10 7 64	9	10,560	485	305	1	15,890	3.9	625	8-67		36	813	17	
23-04-0013	2146289	515501	5 27 62	12	10,157	469	300	4	13,492	4.4	600	8-67		43	651	22	
23-05-0124	2161184	511244	3 6 62	15	12,540	572	305	3	16,216	4.8	776	2-68		42	663	28	
23-05-0232	2285640	550014	12 10 64	9	11,490	542	305	1	16,010	4.6	734	9-67		26	647	26	
23-05-0232	2285638	550014	11 20 64	6	11,690	547	305	1	15,520	4.6	715	8-67		26	586	23	
23-05-0232	2285643	550014	2 8 65	8	11,810	555	305	1	16,700	4.2	697	10-67		26	682	22	
23-05-0232	2285642	550014	2 1 65	8	11,820	554	305	1	15,840	4.2	671	2-68		26	601	20	
23-05-0232	2271675	550014	7 15 64	7	12,290	579	305	2	14,820	4.6	683	1-68		31	550	22	
23-05-0232	2187914	550014	8 15 62	11	12,192	589	305	4	16,042	4.3	686	11-67		35	790	24	
23-05-0232	2271679	550014	8 11 64	7	11,965	568	305	2	15,770	4.6	729	1-68		31	696	29	
23-05-0232	2187909	550014	7 15 62	9	12,265	589	304	4	15,277	4.7	725	1-68		35	673	29	
23-05-0232	2187912	550014	8 9 62	10	12,145	579	305	4	14,607	4.9	722	2-68		36	586	30	
23-05-0232	2271680	550014	8 24 64	7	11,965	568	305	2	14,995	4.7	700	1-68		31	605	25	
23-05-0232	2224828	550014	8 14 63	9	12,546	600	304	3	14,850	4.8	716	2-68		34	551	26	
23-06-0061	2113173	422711	11 15 60	17	9,518	421	302	5	12,814	4.8	609	1-68		43	598	26	
23-07-0015	1908299	515501	5 20 58	13	9,511	454	305	7	12,327	4.6	571	8-67		44	591	20	

23-07-0059	2331344	515501	2 23 64	17 10,055	521	304	2 13,905	4.9	678	7-67	40	638	22
23-07-0188	2041153	536994	6 5 60	19 11,240	551	305	5 15,120	4.5	687	8-67	43	790	25
23-07-0188	2275898	528420	11 9 64	10 11,265	536	305	2 15,885	4.6	729	3-68	31	620	28
23-08-0073	1929152	541622	1 6 59	22 9,427	467	303	7 13,324	4.9	650	2-68	36	679	32
23-08-0441	2184392	549235	10 15 62	14 10,286	466	304	3 12,910	4.6	593	6-67	42	683	20
23-15-6001	2062125	539442	1 7 61	20 9,845	485	305	4 13,030	4.8	619	1-68	34	617	28
23-15-6001	2013012	539442	1 21 60	24 9,411	461	305	6 14,755	4.5	671	6-67	35	934	40
23-15-6001	2066516	539442	1 1 61	22 9,142	446	305	5 11,908	5.0	593	9-67	35	561	31
23-15-0082	2180260	511244	11 27 62	31 9,700	484	305	3 16,210	3.9	630	11-67	42	960	20
23-15-0282	2052710	475548	12 23 59	11 10,376	492	305	5 15,008	4.6	688	12-67	44	767	37
23-15-0592	2294525	549235	8 8 62	6 9,790	474	305	3 15,600	3.8	597	10-66	42	1044	20
23-16-0004	2036661	515501	8 18 57	11 11,060	510	300	3 15,686	4.5	712	4-67	42	789	30
23-16-0004	2246381	515501	10 3 62	21 10,980	505	293	4 15,012	4.2	632	12-67	43	748	21
23-19-0014	2142413	543327	1 10 62	24 8,407	436	298	4 12,872	5.2	671	9-67	37	667	35
23-19-0061	2138724	496783	11 23 61	30 10,485	499	305	2 17,220	4.5	783	11-67	40	818	39
23-19-0061	2279541	553356	12 7 64	27 10,740	506	305	2 14,005	4.6	650	3-68	35	577	31
23-28-0005	1838570	512193	9 1 57	17 9,675	449	304	6 13,783	4.1	561	10-67	41	977	25
23-28-0186	2257136	555454	10 13 63	11 10,360	485	305	3 14,720	4.5	661	1-68	33	762	29
23-36-0040	2286435	543853	9 30 64	20 8,790	406	305	1 13,210	4.2	550	5-67	33	605	21
23-36-0062	2230048	522908	2 24 63	18 9,003	440	305	3 15,460	4.4	677	10-67	42	759	25
23-36-0062	2230047	522908	2 2 63	20 9,313	450	305	3 14,473	4.5	645	6-67	42	612	20
23-36-0174	2183533	515501	12 12 62	13 10,756	500	305	3 13,323	4.9	649	4-67	42	546	23
23-36-0174	2145142	512193	8 25 61	19 10,796	502	305	3 16,000	4.0	637	12-67	38	1084	27
23-36-0176	2027101	475548	10 15 60	19 10,652	513	305	5 14,166	4.9	699	12-67	44	624	36
23-36-0176	2184373	549235	12 10 62	15 10,475	509	305	2 15,170	4.0	608	9-66	40	871	16
23-36-0176	2311574	549235	2 10 65	10 10,320	506	305	1 15,530	3.9	612	5-67	36	802	14
23-36-0352	2194535	555217	3 16 63	15 10,253	481	305	3 13,926	4.8	666	9-67	35	589	30
23-36-6403	2265058	549235	4 10 64	24 8,860	425	298	2 12,105	4.8	578	5-67	40	707	21
23-36-6403	2238895	549235	12 22 63	24 8,805	417	305	2 13,870	4.5	619	7-67	40	891	26
23-36-6403	2200089	549235	1 6 63	22 9,120	433	305	3 13,066	4.4	574	7-67	42	822	21
23-36-0425	2214400	549235	5 24 63	28 9,970	445	305	2 12,975	4.6	595	12-66	40	694	21
23-36-0629	2255202	549235	11 22 63	27 9,755	477	294	2 13,395	4.7	631	10-66	40	756	21
23-36-0631	2233824	512193	5 18 62	12 9,532	461	305	4 12,397	3.8	471	3-68	40	790	11
23-40-0041	1886942	518090	9 2 58	21 9,336	447	301	6 14,026	4.4	623	7-67	40	709	26
23-40-0051	2291191	562081	11 5 64	17 9,120	459	305	1 14,990	4.7	708	9-67	28	660	28
23-40-0111	2266411	557543	4 19 64	10 10,415	510	305	2 13,915	4.7	649	11-67	38	584	24
23-40-0113	2190512	544991	1 10 63	11 9,406	474	305	3 15,083	4.9	733	6-67	41	726	33
23-40-0120	2226439	533769	8 9 63	11 8,386	399	305	3 12,930	3.7	483	11-67	42	779	13
23-43-0025	2307420	515501	11 26 63	6 11,485	532	305	2 14,535	4.8	701	3-67	40	571	24
23-49-0045	2241078	549235	2 8 62	9 8,986	417	305	3 12,566	3.8	482	2-67	42	778	13
23-61-0040	2192970	543690	12 21 62	57 9,236	433	297	3 15,130	4.4	664	12-67	33	861	33
23-62-0005	1905131	515501	5 25 58	5 8,807	439	303	7 11,840	4.8	566	6-67	44	611	21
23-63-0002	2257439	515501	8 27 63	36 9,470	458	296	3 12,743	4.6	585	10-67	42	613	20
23-63-0107	2269655	537680	8 16 64	25 12,025	606	305	2 16,425	5.0	819	1-68	37	704	34
23-67-0075	2247849	550942	4 10 63	28 11,640	586	305	3 14,893	4.7	694	9-67	42	615	22

TABLE 4.—HIGH-RANKING PROGENY OF DHIA SIRES: GUERNSEY—Continued

COW'S LAST HERD CODE	COW'S REGISTRATION NO.	COW'S SIRE REGISTRATION NO.	COW'S BIRTH DATE (Mo.) (Day) (Yr.)	HERDMATES			AVERAGE PRODUCTION OF COW					LAST CALVING		REPEAT- ABILITY (Pct.)	COW INDEX	
				NUM- BER	MILK (Lb.)	FAT (Lb.)	IN MILK (Days)	REC- ORDS	MILK (Lb.)	FAT (Pct.)	FAT (Lb.)	(Mo.) (Yr.)	CAR		MILK	FAT
23-67-0075	2252317	475548	3 18 64	26	11,775	574	305	2	17,775	4.0	703	5-67	40	796	26	
23-67-0075	1737068	391988	6 29 56	27	11,790	577	305	4	16,657	5.1	850	6-67	43	635	44	
23-67-0075	1841913	522908	1 16 58	20	11,458	577	297	6	15,530	4.8	751	4-67	44	570	22	
23-67-0118	2203333	559460	1 20 63	30	11,380	561	283	4	14,425	4.9	704	2-68	33	580	29	
23-67-0245	2326333	515501	4 14 64	36	10,450	479	305	1	15,320	4.3	665	5-67	35	629	20	
23-67-0252	2246324	549235	9 6 62	31	11,573	548	239	3	14,813	4.7	694	1-67	42	769	23	
23-67-0289	2224179	529641	9 3 63	39	8,500	395	300	3	12,733	4.6	588	4-68	35	659	36	
31-06-0049	2235296	550570	10 27 63	6	9,033	434	302	3	12,656	4.3	542	4-68	32	693	23	
31-06-0049	2235295	550570	10 27 63	7	9,220	452	305	2	14,200	4.2	599	3-67	29	809	26	
31-06-0049	2185471	550570	12 24 62	7	9,176	441	305	3	12,663	4.5	571	2-68	32	676	26	
31-06-0049	2121340	550570	9 19 61	12	9,554	459	300	5	12,198	4.5	550	11-67	35	595	22	
31-06-0049	2179329	550570	11 24 62	8	9,243	445	305	3	14,480	5.1	741	4-67	32	912	48	
31-14-9020	2209761	557038	6 12 63	15	10,413	479	305	3	14,790	4.6	683	12-67	32	630	32	
31-14-9255	1984678	538716	9 23 59	12	9,190	415	305	4	13,480	4.4	590	11-67	35	677	30	
31-15-9832	2199678	549235	2 17 63	12	12,330	601	305	3	16,346	5.0	815	3-67	42	867	32	
31-15-9832	2075537	533774	2 17 61	6	11,220	552	305	4	17,487	4.5	790	9-67	42	976	30	
31-19-9816	2191456	549056	8 20 62	29	9,546	483	305	3	12,933	4.6	595	7-67	32	574	20	
31-19-9816	2004913	537401	11 27 59	20	9,370	452	305	6	12,931	5.5	715	7-67	36	635	48	
31-22-9004	2247779	557944	12 7 63	22	10,410	448	305	2	14,520	4.5	655	2-68	29	624	31	
31-22-9004	2228510	557944	9 10 63	10	9,900	444	305	2	13,740	4.2	581	6-67	29	600	22	
31-23-0061	2284367	550942	7 21 64	11	8,980	415	305	1	13,740	4.5	625	11-67	35	588	24	
31-23-0061	2177778	550942	8 1 62	12	8,723	392	305	3	12,373	4.3	535	9-67	42	627	24	
31-31-9001	2272823	533769	8 8 64	53	9,700	511	305	2	15,700	5.2	814	3-68	40	886	36	
31-31-9001	1948459	552424	2 27 58	28	11,270	540	305	3	15,496	4.7	724	8-67	41	636	28	
31-33-0009	2169950	550942	10 3 62	21	9,850	484	305	3	13,170	4.9	639	10-67	42	602	26	
31-38-9036	2278492	562511	5 5 64	13	8,770	412	305	1	13,920	4.4	619	4-67	23	651	23	
31-42-9031	2276417	558793	8 18 64	20	13,020	611	305	2	16,205	4.7	767	12-67	32	614	29	
31-42-9031	2177881	549235	9 3 62	17	12,260	560	305	2	15,775	4.4	693	10-66	40	769	20	
31-42-9031	2177883	549235	9 20 62	20	13,016	594	305	3	19,300	4.5	872	3-67	42	1135	39	
31-42-0032	2244235	550942	3 18 63	7	8,635	391	305	2	11,985	4.5	545	6-67	40	551	23	
31-45-9072	1872530	495848	11 19 57	19	10,446	500	304	5	14,792	4.9	727	9-67	39	675	36	
31-49-9062	2334731	550942	7 5 65	17	11,180	558	305	1	15,670	4.6	722	12-67	35	584	22	
31-52-0006	2170865	549235	8 19 62	8	9,816	487	301	3	13,056	4.5	586	12-66	42	749	17	
31-52-0442	2220404	550942	4 3 63	25	8,763	394	300	3	11,903	4.9	582	7-67	42	568	29	
31-54-9012	2317594	561468	5 9 65	14	10,810	523	305	1	17,450	3.9	674	5-67	31	888	14	
31-54-9030	2070160	534079	8 9 60	11	9,157	425	305	4	11,962	4.7	557	12-67	34	553	26	
31-57-0010	2196514	550942	1 24 63	17	9,740	416	301	3	13,316	4.2	559	8-67	42	631	24	
31-57-0010	2225666	550942	8 17 63	21	10,016	431	295	3	13,246	4.2	554	9-67	42	594	22	
31-57-0045	2039448	534079	1 13 61	13	9,166	447	292	5	12,082	4.8	580	8-67	35	585	26	
31-67-0034	2300916	511435	1 30 64	15	9,485	442	304	2	14,505	4.7	677	8-67	38	624	26	
31-70-9015	2279091	550942	7 7 64	18	10,105	518	305	2	14,185	4.9	689	12-67	40	641	27	
31-72-0015	2194578	550942	10 8 62	14	10,105	486	305	4	13,907	4.7	654	3-68	43	687	29	
31-74-9028	2154625	511244	6 23 62	19	8,853	417	300	3	12,620	4.5	564	9-67	42	631	20	
31-75-0350	2225112	550942	8 9 63	7	9,335	453	305	2	14,460	4.0	574	12-67	40	739	21	
31-76-9117	2217118	511244	3 6 63	14	10,533	504	305	3	13,476	5.1	687	9-67	42	554	25	

31-80-0023	2249790	550942	12 11 63	19	10, 113	477	305	3	12, 916	4.6	596	2-68	42	545	22
31-80-0023	2268504	550942	1 30 64	15	9, 335	454	305	2	12, 675	4.5	568	10-67	40	557	20
31-80-0026	548144	548144	7 29 61	6	10, 026	449	305	5	12, 802	4.7	599	10-67	35	592	29
31-81-9007	2002139	475548	10 3 59	8	10, 596	524	303	5	14, 270	5.0	716	2-67	44	645	37
31-85-9141	2127726	550942	3 22 62	71	10, 270	494	304	4	13, 505	4.9	661	7-67	43	619	29
31-85-9141	2152242	546331	8 15 61	35	11, 560	547	240	4	13, 920	4.6	637	6-67	42	560	27
31-85-9141	2164749	550942	5 8 62	50	10, 210	492	304	3	13, 943	4.4	616	10-67	42	654	23
31-85-9141	2146583	550942	4 6 62	51	10, 043	478	305	3	13, 526	4.8	651	6-67	42	673	28
31-87-0595	2286857	536994	1 2 65	5	9, 020	427	300	2	13, 500	3.9	523	12-67	38	734	15
31-88-0012	2336271	540888	11 21 65	8	10, 970	501	305	1	15, 300	4.4	671	5-67	33	562	22
32-01-9041	2407131	570512	10 15 65	22	9, 280	449	305	1	14, 410	4.3	613	9-67	23	644	21
32-06-9762	2258647	527465	4 10 64	19	9, 600	436	305	2	14, 970	4.5	675	3-68	30	711	32
32-17-0320	2316966	562270	10 31 64	34	10, 165	506	305	2	14, 780	5.1	749	2-68	29	636	37
32-17-9533	2286205	533769	1 13 65	15	12, 880	626	305	1	18, 370	4.5	834	12-67	35	730	21
32-18-9710	2335761	533769	5 13 65	5	9, 830	426	305	1	17, 320	4.1	703	4-68	35	858	25
32-18-9710	2135459	540259	8 20 61	9	10, 948	495	304	5	14, 178	4.5	639	1-68	38	712	28
32-18-9710	2135460	540259	9 21 61	6	11, 560	528	305	4	19, 132	4.1	786	5-67	35	1337	45
32-20-9240	2105391	525166	10 29 61	11	10, 780	507	305	3	15, 160	4.4	663	1-68	33	579	22
32-20-9240	2174362	552292	11 17 62	13	11, 130	527	305	3	14, 903	4.4	657	2-68	32	641	24
32-20-9240	2287099	552292	11 11 64	14	11, 130	526	305	1	16, 010	4.3	694	11-67	24	613	23
32-20-9534	2235201	551558	6 6 63	14	11, 220	560	305	3	14, 593	4.9	711	11-67	33	608	26
32-20-9534	2173073	551558	3 30 62	16	11, 325	576	302	4	14, 427	5.1	735	11-67	35	603	29
32-20-9906	2285420	558740	11 5 64	8	10, 455	544	305	2	14, 150	5.3	743	11-67	30	557	35
32-20-9906	2307873	558740	9 3 64	7	9, 980	505	305	2	14, 690	5.0	729	3-68	30	676	38
32-20-9921	2259411	560029	2 12 64	12	10, 795	542	305	2	14, 765	4.9	721	3-68	29	570	27
32-20-9922	2308820	549588	12 3 64	32	12, 470	687	305	2	16, 050	5.1	815	11-67	38	586	20
32-20-9922	2156545	546396	4 2 62	23	12, 495	670	305	4	16, 335	5.5	891	3-68	39	721	42
32-20-9961	2305527	555391	4 20 64	12	10, 580	523	305	2	14, 185	4.6	653	11-67	31	652	25
32-25-9482	2211274	505815	2 15 63	14	10, 566	512	304	3	14, 983	4.7	697	10-67	34	645	27
32-27-0111	2233592	548853	7 1 63	12	10, 533	482	299	3	14, 810	4.6	687	10-67	32	689	31
32-30-0763	2338258	533769	6 25 65	17	10, 540	470	305	1	15, 960	4.4	699	1-68	35	707	22
32-32-9534	2262277	553473	6 27 64	47	9, 650	420	299	2	13, 775	4.2	572	10-67	30	596	20
32-33-9041	2198250	549235	1 7 63	12	10, 826	485	305	3	16, 633	4.5	745	3-67	42	1055	36
32-33-9041	2135462	540259	9 26 61	15	10, 442	476	305	4	13, 672	4.2	577	6-67	35	709	22
32-38-0652	2322079	570512	9 26 64	30	10, 480	498	305	2	15, 320	4.6	710	10-67	29	766	32
32-38-0652	2367622	570512	12 26 64	29	10, 500	493	295	2	13, 955	4.5	630	9-67	29	599	23
32-41-0652	2362584	550942	9 3 65	14	7, 970	365	305	1	14, 810	4.2	615	10-67	35	738	27
32-43-9531	2293759	539742	11 1 64	20	13, 340	661	305	1	14, 130	4.4	793	9-67	33	556	24
32-49-9590	2318222	559695	12 6 64	29	12, 610	587	305	2	16, 990	4.5	772	12-67	29	687	27
32-49-9590	2202473	511244	10 11 62	30	11, 617	557	301	4	16, 567	4.6	761	8-67	43	837	30
32-50-9161	2305521	555391	12 14 63	10	12, 790	591	305	2	16, 305	4.4	713	12-67	31	667	24
32-50-9161	2258910	546396	10 31 63	8	11, 425	530	305	2	16, 590	4.0	664	8-67	35	768	26
32-57-9482	2076778	496783	1 3 61	10	10, 412	464	305	5	15, 622	4.3	678	12-67	44	800	37
32-57-9501	2186254	555391	10 25 62	11	10, 960	517	304	3	14, 680	4.6	680	11-67	34	717	30
32-92-9531	1969798	496783	10 1 59	21	11, 382	574	305	7	14, 870	4.8	717	2-68	44	590	29

TABLE 4.—HIGH-RANKING PROGENY OF DHIA SIRE: GUERNSEY—Continued

COW'S LAST HERD CODE	COW'S REGISTRATION NO.	COW'S SIRE REGISTRATION NO.	COW'S BIRTH DATE (Mo.) (Day) (Yr.)	HERDMATES			AVERAGE PRODUCTION OF COW				LAST CALVING		REPEAT- ABILITY (Pct.)	COW INDEX	
				NUM- BER	MILK (Lb.)	FAT (Lb.)	IN MILK (Days)	REC- ORDS	MILK (Lb.)	FAT (Pct.)	(Mo.) (Yr.)	CAR		MILK	FAT
33-01-0741	2199116	529281	2 13 63	20	8,466	394	305	3	11,343	4.6	517	3-68	33	564	23
33-09-0002	2291748	550942	12 10 64	6	10,570	485	299	2	14,240	4.5	647	12-67	40	604	25
33-09-0352	2341548	561468	8 4 65	15	10,420	505	305	1	15,690	4.4	684	9-67	31	775	16
33-09-0352	2345473	561468	7 17 65	14	10,390	503	305	1	15,910	4.7	748	10-67	31	795	21
33-14-0840	2356063	561658	7 30 64	11	7,365	341	305	2	11,415	4.4	507	10-67	29	564	25
33-21-0671	2321706	533769	2 23 65	14	11,990	582	305	2	14,640	5.0	735	4-68	40	567	21
33-21-0672	2372666	533769	12 19 65	24	10,880	529	305	1	16,450	4.6	763	1-68	35	721	23
33-21-0672	2224339	558237	9 18 63	35	12,240	572	305	3	17,186	4.5	776	3-68	33	924	35
33-21-0672	2220755	549818	4 20 63	45	12,500	570	305	1	20,460	4.6	947	6-67	25	745	37
33-21-0672	2224712	556731	4 20 62	78	12,503	595	305	3	17,483	4.6	808	6-67	33	654	27
33-21-0672	2269652	533769	7 22 64	23	11,810	581	228	2	15,405	4.9	750	12-67	40	662	23
33-21-0672	2059190	533769	2 14 61	35	12,868	610	305	6	16,676	4.3	713	4-68	44	794	19
33-36-0512	2285819	561468	7 8 64	19	10,300	517	305	2	14,770	4.0	586	11-67	36	814	9
33-36-0512	2306902	561468	1 3 65	15	9,685	480	303	2	15,225	3.9	594	1-68	36	923	14
33-37-0510	2322753	550942	6 5 65	8	8,780	370	305	1	13,000	4.1	535	10-67	35	546	21
33-37-0510	2228499	549235	9 25 63	9	9,270	418	303	2	13,865	4.0	554	11-66	40	848	19
33-43-0155	2302223	557543	12 6 63	21	10,610	527	245	3	13,816	4.8	662	2-68	40	569	24
33-43-0472	2325051	550942	1 27 64	15	7,993	369	305	3	11,620	4.4	506	1-68	42	616	23
33-43-0616	2243541	550942	11 17 63	9	8,100	389	305	1	13,130	4.5	589	9-67	35	602	23
33-46-0712	2157020	549235	2 2 62	22	9,950	449	305	3	13,600	4.0	541	12-66	42	797	16
33-46-0712	2186978	549235	7 9 62	21	10,225	467	299	2	13,265	4.6	604	10-66	40	700	20
33-48-0713	2200599	542789	6 3 63	13	9,590	464	305	3	15,096	4.9	736	9-67	32	781	38
33-51-9671	2034091	493542	3 3 60	7	9,946	486	304	6	13,570	4.6	618	7-67	40	691	24
33-52-0673	2329847	549235	9 18 62	14	9,105	418	305	2	13,755	4.4	612	12-66	40	852	25
33-61-1341	2197912	549235	10 27 62	16	9,530	459	295	3	14,273	3.5	500	12-66	42	918	10
33-61-0640	2170753	549235	10 14 62	17	9,563	428	273	3	12,960	3.9	505	10-66	42	764	14
33-61-0640	2376538	562021	2 13 66	7	12,810	574	305	1	17,500	4.7	830	4-68	32	549	31
33-62-0211	2267325	549894	5 24 64	6	8,290	402	305	2	13,090	4.5	590	10-67	30	679	25
33-62-0474	2221618	533769	8 3 63	22	12,206	588	305	3	16,370	4.3	706	2-68	42	779	19
33-62-0474	2253321	556485	4 4 64	20	11,825	577	305	2	16,730	4.8	809	3-68	30	720	34
33-62-0519	2234524	549235	8 10 63	19	9,890	469	305	3	14,646	4.6	675	3-67	42	924	29
33-62-0519	2326258	551920	12 11 64	25	9,905	479	305	2	14,895	4.6	683	10-67	36	665	30
33-62-0519	2144960	549235	1 22 62	12	9,695	461	302	4	13,192	4.3	562	4-67	44	798	18
33-85-9710	2177289	496783	10 15 62	26	10,520	494	305	4	15,347	4.3	663	3-68	44	726	30
33-95-0344	2188498	549235	1 4 63	9	10,810	514	305	3	13,370	4.9	653	1-67	42	682	22
33-95-0344	2240558	550942	12 19 63	7	10,650	510	305	3	13,870	4.7	647	12-67	42	600	25
33-98-9613	2174394	553901	8 10 62	24	9,450	438	281	3	14,276	4.1	590	6-67	33	732	22
33-98-9613	2318188	562098	1 13 65	19	10,670	489	302	1	16,130	4.2	683	6-67	22	703	26
33-98-9613	2318186	562098	12 21 64	16	10,905	506	305	2	15,540	4.0	615	4-68	28	776	21
34-08-0081	2309425	555398	8 5 64	63	11,395	560	305	2	15,720	4.4	687	10-67	32	606	20
34-19-0100	2167597	549650	8 26 62	27	8,590	415	305	1	16,440	4.7	776	11-67	23	752	33
34-19-0104	2102545	537680	11 16 61	11	10,177	492	305	4	13,290	4.8	636	5-67	40	617	29
34-34-0038	2186499	553667	12 4 62	24	11,210	526	305	3	14,423	4.7	752	6-67	33	551	27
34-34-0038	2288934	553667	1 19 65	19	11,705	562	305	2	15,850	4.7	752	2-68	30	631	31

34-34-0038	1939897	530460	7 25 58	30	11,406	546	305	6	16,221	4.4	706	10-67	36	674	24
34-41-0001	2250474	560035	1 17 64	28	11,246	556	297	3	14,710	4.9	717	12-67	32	547	26
34-53-0048	2144529	541091	4 10 61	10	10,422	509	305	5	15,004	4.8	713	3-68	40	791	33
34-53-0048	2042398	541091	7 18 60	12	9,968	480	305	5	13,028	4.5	592	11-67	40	571	20
34-61-0027	2238463	549235	11 10 63	22	8,940	406	305	2	12,385	4.1	505	1-67	40	728	15
34-73-0062	2122150	533859	3 26 61	11	11,136	535	305	5	14,704	4.9	719	11-67	35	597	32
35-03-0011	2239407	543158	11 7 63	12	8,635	431	305	2	11,365	4.9	554	10-67	38	592	20
35-03-0051	2162958	543158	6 13 62	21	9,962	458	303	4	15,652	4.2	656	11-67	41	1030	32
35-03-0340	2197005	549235	2 6 63	5	11,086	539	305	3	14,183	4.6	658	3-67	42	747	20
35-17-0060	2098235	543158	4 9 61	19	10,236	484	305	5	13,488	4.5	606	4-68	42	713	23
35-20-0112	2160537	536571	10 21 61	28	8,510	388	305	4	12,560	4.3	542	1-68	37	669	23
35-28-0016	2218222	488786	7 4 63	19	9,703	494	305	3	14,620	5.1	752	2-68	41	676	42
35-28-0060	2241511	543158	2 19 63	19	8,943	445	304	3	11,916	4.9	585	7-67	40	651	24
35-28-0103	2259110	501586	3 24 64	12	8,565	428	305	2	11,890	4.6	544	1-68	39	613	23
35-29-0002	2229551	552424	9 25 63	9	10,393	495	305	3	15,263	4.4	664	12-67	41	702	25
35-30-0054	2203551	533769	3 10 63	24	11,806	562	305	3	16,356	4.0	647	11-67	42	820	15
35-32-0024	2233022	543158	10 22 63	13	10,680	501	304	3	16,583	3.9	647	12-67	40	1022	25
35-32-0025	2114972	511244	12 13 61	29	13,100	616	305	4	16,185	4.9	788	3-68	43	624	26
35-42-0039	2067932	492616	11 17 60	9	10,130	491	305	5	13,206	4.6	602	1-68	43	709	20
35-48-0084	2219790	543819	7 31 63	22	8,660	414	305	2	12,750	4.4	556	8-67	32	592	23
35-55-0010	2191109	549235	7 5 62	16	10,306	507	304	3	15,420	4.3	668	10-66	42	970	25
35-62-0068	2140172	511244	11 22 61	18	10,682	473	302	4	14,145	4.5	637	10-67	43	661	24
35-63-0066	2314609	533769	7 26 64	19	11,475	524	305	2	14,315	4.7	669	2-68	40	582	20
35-68-0108	2221058	549235	8 10 63	20	8,375	383	305	2	14,460	3.4	488	8-67	40	990	15
35-68-0108	2284672	549235	4 22 64	18	8,345	382	305	2	11,835	3.8	449	8-67	40	727	12
35-68-0125	2299312	543158	9 30 64	20	9,875	462	305	2	14,550	4.3	622	11-67	38	811	24
35-68-0128	2259855	543853	1 2 64	7	10,420	477	297	2	13,365	4.4	583	11-67	38	554	20
35-68-0141	2168979	543853	8 7 62	11	8,730	416	302	3	11,426	4.4	507	1-67	40	554	20
41-10-0307	2202354	496783	10 28 62	15	10,230	481	305	4	13,780	4.7	643	1-68	44	565	29
41-24-9044	2227281	549235	9 17 63	14	7,525	373	305	2	16,015	3.5	567	12-66	40	1226	24
41-28-9047	2281655	543158	10 11 63	14	11,780	541	305	2	15,925	3.8	604	5-67	38	775	15
41-33-9054	2291769	555566	3 18 64	7	10,040	476	305	2	15,610	3.9	606	9-67	28	829	20
41-56-0070	2350138	533769	10 14 65	20	9,760	460	305	1	14,980	4.4	660	11-67	35	686	20
41-60-9027	2307781	549235	10 26 64	13	9,440	417	286	1	14,660	4.1	603	8-67	36	796	20
41-73-9030	2231185	549235	8 23 63	9	9,750	474	305	2	13,315	4.4	587	8-67	40	749	17
42-03-9135	2072845	496783	1 17 61	17	8,963	425	300	3	13,343	5.3	706	12-67	42	618	41
42-10-0006	2284654	533769	11 13 64	11	8,950	435	305	2	14,045	4.1	580	11-67	40	786	19
42-10-0006	2249614	533769	11 29 63	13	8,916	428	300	3	11,923	4.8	572	11-67	42	606	20
42-31-9080	2145740	511244	1 10 62	15	10,530	514	305	3	14,073	4.9	686	7-67	42	624	24
42-78-9023	2296799	557060	6 10 64	6	6,470	320	252	1	13,510	4.4	596	1-68	19	644	25
42-82-9016	2308115	558114	3 26 65	8	10,370	513	305	1	14,680	4.9	724	10-67	23	555	28
43-09-0004	2165032	543671	8 14 62	48	8,825	398	300	4	13,365	4.0	537	1-68	35	656	20
43-14-0009	2200799	550942	9 12 62	11	7,815	372	305	2	11,805	4.6	544	7-67	40	608	25
43-19-9029	2304400	549235	2 12 65	10	11,610	531	294	1	16,030	4.3	686	6-67	36	753	18
43-19-9029	2334036	533769	11 5 65	9	12,310	562	305	1	18,150	4.5	813	3-68	35	752	24

TABLE 4.—HIGH-RANKING PROGENY OF DHIA SIREs: GUERNSEY—Continued

COW'S LAST HERD CODE	COW'S REGISTRATION NO.	COW'S SIRE REGISTRATION NO.	COW'S BIRTH DATE (Mo.) (Day) (Yr.)	HERDMATES			AVERAGE PRODUCTION OF COW				LAST CALVING		REPEAT- ABILITY (Pct.)	COW INDEX	
				NUM- BER	MILK (Lb.)	FAT (Lb.)	IN MILK (Days)	REC- ORDS	MILK (Lb.)	FAT (Pct.)	(Mo.) (Yr.)	CAR		MILK	FAT
43-19-9050	2370429	539419	2 9 66	6	14,640	663	305	1	21,670	4.3	3-68		34	818	28
43-19-9050	2217048	549235	1 13 63	9	12,760	602	301	3	19,396	4.3	1-67		42	1173	34
43-19-0068	2233683	549235	11 4 63	5	10,090	493	295	2	14,005	4.6	10-66		40	788	21
43-33-0013	2374251	548765	11 27 64	19	9,570	465	305	1	15,670	4.4	1-68		25	702	25
43-33-0016	2103077	534534	6 6 61	14	8,644	408	305	5	13,824	4.7	4-68		36	739	36
43-33-0031	2270667	536994	6 3 64	18	8,745	428	305	2	12,480	4.6	10-67		38	653	20
43-50-0002	2289409	559484	8 6 64	20	9,690	446	285	2	12,385	4.3	10-67		30	632	22
43-50-0002	2356137	546650	10 30 65	7	11,070	471	305	1	18,250	4.9	4-68		24	825	47
43-50-0002	2329507	559484	4 21 65	25	10,180	465	278	1	16,070	4.0	10-67		25	862	28
43-50-0002	2329501	559484	3 6 65	25	10,180	465	276	1	20,760	3.8	10-67		25	1275	42
43-50-0002	2343225	559484	3 30 65	25	10,160	459	300	1	21,840	3.8	9-67		25	1371	45
43-50-0002	2361475	559484	7 25 64	15	10,635	480	302	2	16,300	4.6	11-67		30	992	44
43-50-0002	2339339	559484	4 24 65	25	10,180	465	275	1	14,950	4.8	10-67		25	764	35
43-50-0002	2329511	559484	6 11 65	25	10,180	465	305	1	14,620	3.9	10-67		25	735	22
43-50-0002	2335531	559484	5 14 65	18	10,880	489	271	1	18,040	4.5	11-67		25	980	41
43-58-0025	1835522	512893	7 15 57	11	8,176	378	305	6	11,646	4.6	2-68		37	562	25
43-58-0043	2295059	554457	7 10 64	5	7,230	335	305	2	12,915	4.5	9-67		29	735	31
45-20-0016	2409063	511244	12 22 64	11	14,530	676	305	1	19,700	4.9	3-68		35	648	26
47-20-0065	2297678	549342	8 28 64	29	10,035	518	305	2	16,350	3.9	9-67		36	1086	25
47-34-0007	2295424	563299	10 13 64	17	11,400	522	305	2	17,175	4.6	12-67		30	826	41
47-34-0046	2244232	511244	12 20 63	12	8,816	418	305	3	13,853	4.2	4-68		42	778	21
47-55-0065	2041222	546650	8 30 60	17	8,160	377	305	2	11,700	4.7	9-67		30	565	28
47-55-0065	2144304	546145	8 30 61	40	7,980	360	299	3	12,153	4.2	3-68		32	569	20
47-55-1115	2320599	533769	11 22 64	13	6,620	306	305	1	12,400	4.6	10-67		35	704	23
47-80-0003	2262922	549342	5 18 64	11	6,055	288	301	2	8,225	5.1	10-67		36	557	23
48-10-9008	2179422	536610	4 19 62	9	8,205	379	305	4	12,315	4.4	8-67		40	608	21
48-10-0046	2403444	501586	9 21 65	9	9,400	429	305	1	14,580	4.1	3-68		35	692	25
48-21-0051	2169324	549235	7 17 62	34	10,046	488	303	3	14,370	4.2	10-66		42	876	18
48-22-0011	2101559	491754	5 31 61	25	8,920	438	305	4	12,882	4.7	8-67		36	723	30
48-44-0170	2368083	501586	1 20 66	23	10,880	501	305	1	15,260	4.5	4-68		35	642	26
48-44-0172	2361913	550942	3 4 65	19	8,195	373	299	2	12,680	4.4	1-68		40	662	27
48-77-0049	2298431	557665	11 4 63	13	7,790	398	305	1	13,410	4.5	9-67		22	614	24
48-79-0026	2361677	562892	4 14 65	16	9,540	450	305	3	14,630	4.8	3-68		24	550	26
51-02-0035	2208815	533094	11 8 62	28	10,060	483	305	3	14,480	4.6	11-67		33	641	26
51-04-0228	2202518	549235	8 6 62	8	7,820	351	290	3	11,253	4.3	9-66		42	748	20
51-09-0001	2231144	511244	12 27 61	30	9,982	478	300	4	13,260	5.2	9-67		43	609	29
51-13-9002	2253044	556020	11 13 63	28	10,290	501	305	3	14,373	5.2	12-67		41	589	35
52-04-0010	2199099	549770	3 11 63	46	10,123	458	305	3	15,010	4.4	12-67		32	672	28
52-04-0010	2344094	562021	9 8 65	24	10,210	458	305	1	19,310	4.9	3-68		32	881	48
52-05-0002	2362713	559716	12 2 65	41	11,790	557	305	1	17,780	4.2	3-68		23	701	25
52-07-0021	2309673	560240	4 22 64	28	10,935	516	305	2	13,695	4.4	10-67		29	574	20
52-07-0106	2283674	557348	7 31 64	11	7,790	373	305	1	12,430	4.6	9-67		31	558	26
52-32-0008	2300047	557348	6 30 64	11	9,875	477	305	2	13,770	4.5	3-68		36	578	24
52-51-0001	2250568	557542	12 6 63	15	11,130	512	303	3	14,650	4.1	3-68		32	699	25
52-51-0001	2392805	557542	4 8 65	17	10,460	479	305	1	17,290	4.2	5-67		23	825	36

52-51-0001	2392822	557542	4	1	66	25	10,310	487	305	1	13,880	4.9	679	1-68	23	553	31
52-51-0001	2392826	557542	6	4	66	11	11,290	543	305	1	16,860	5.0	835	4-68	23	743	41
52-51-0001	2392818	557542	9	14	65	22	10,630	499	305	1	14,470	4.7	675	2-68	23	580	30
52-51-0001	2193465	526988	4	26	62	13	9,907	489	297	4	13,480	4.6	625	7-67	35	603	22
52-59-0001	2234108	533769	9	26	63	53	9,700	448	305	2	15,205	4.3	649	8-67	40	835	25
52-59-0001	2290733	510634	3	7	64	49	9,955	452	305	2	14,475	4.7	674	6-67	39	561	23
52-59-0001	2249917	512193	9	20	63	29	8,750	409	299	1	13,020	4.5	581	11-67	31	810	24
52-60-0011	2370160	557348	10	6	65	12	8,380	422	305	1	14,560	4.8	695	12-67	31	652	31
52-67-0004	2265359	557033	8	22	63	15	9,056	459	305	3	14,346	4.2	607	12-67	32	767	24
52-67-0029	2310422	549771	4	5	63	12	9,920	468	305	2	16,200	3.8	619	8-67	29	853	19
52-74-0001	2244991	511244	9	18	63	42	10,966	514	299	3	15,570	4.1	640	1-68	42	753	18
52-76-0003	2240384	559700	11	23	63	141	10,156	481	305	3	13,830	4.3	590	3-68	34	638	20
52-76-0003	2327735	563672	5	10	65	135	9,340	440	305	1	15,530	4.3	666	9-67	23	692	26
52-76-0003	2259758	559241	2	3	64	142	9,510	449	305	2	14,420	4.6	666	7-67	32	677	28
52-76-0003	2259756	559700	2	2	64	126	9,600	454	305	2	14,390	4.2	609	10-67	32	708	23
52-76-0003	2150868	544225	9	26	60	122	9,502	449	305	5	14,088	5.2	727	1-68	36	664	43
52-76-0003	2193297	512193	1	12	63	145	10,117	478	303	4	12,430	4.2	521	3-68	40	726	15
52-82-0001	2260027	549235	4	19	64	10	9,260	434	290	2	12,885	4.6	592	8-67	40	750	21
52-82-0015	2299525	559671	12	2	64	8	9,920	482	304	2	14,975	4.5	678	4-68	30	688	27
52-82-0024	2149560	511244	2	2	62	14	10,507	515	300	4	14,212	4.9	694	10-67	43	669	26
52-82-0026	2139946	548052	1	2	62	15	9,665	484	305	4	14,472	4.9	705	11-67	33	839	36
52-98-0004	2117744	546352	1	3	62	37	9,077	434	299	4	13,050	4.6	601	3-68	34	548	23
54-17-0039	2398629	540888	2	17	66	12	6,660	305	305	1	11,510	4.1	472	9-67	33	569	20
55-31-0003	2091957	500107	5	21	61	53	8,582	447	303	5	12,090	5.1	622	10-67	37	558	29
55-79-0006	2232420	511244	10	12	63	8	11,580	527	305	1	20,460	3.6	740	3-68	35	905	20
55-82-0001	2187877	501586	2	4	63	6	9,573	452	300	3	12,260	4.7	575	8-67	41	583	25
55-89-0004	2274028	557688	10	12	64	12	11,470	543	305	2	20,590	4.3	882	3-68	31	1217	44
55-91-6006	2223350	511244	8	14	63	51	9,255	466	305	2	13,750	4.6	628	1-68	40	662	20
56-05-0010	2189704	550942	1	2	63	84	9,613	447	305	3	14,383	4.4	627	11-67	42	768	29
56-05-0010	2311696	553765	9	26	64	56	11,000	507	305	1	18,210	4.1	755	9-67	26	1037	36
56-05-0010	2265702	553765	1	22	64	73	10,770	496	305	1	17,120	4.4	747	10-67	26	961	36
56-05-0010	2333079	521086	3	26	65	55	11,000	506	305	1	19,210	4.3	824	9-67	27	897	32
56-05-0011	2289693	553765	4	3	64	62	9,485	451	300	2	12,300	4.3	535	10-67	32	696	23
56-05-0011	2216639	553765	8	1	63	59	9,860	458	298	3	12,050	4.2	509	1-68	34	650	20
56-08-0016	2260081	533769	3	28	64	46	12,025	538	305	2	16,265	4.0	653	4-68	40	730	17
56-12-0029	1687674	465658	9	26	55	36	8,498	368	302	7	14,510	4.1	592	1-68	41	725	25
56-32-0008	2296905	564319	12	31	64	27	9,505	441	305	2	13,135	4.4	584	1-68	29	580	23
56-32-0008	2265687	564319	8	1	64	30	9,015	417	298	2	12,475	4.5	559	2-68	29	554	23
56-36-0017	2252553	512193	2	15	64	52	10,495	503	305	2	13,620	5.1	693	10-67	36	789	31
56-36-0018	2273037	549235	12	5	62	24	8,635	391	305	2	13,115	4.4	573	1-67	40	830	23
56-38-0028	2033654	539419	5	1	60	62	9,500	436	302	5	13,062	4.3	565	11-67	42	677	22
56-41-0009	2112407	549234	7	11	61	18	9,362	413	300	4	14,137	4.2	597	1-68	38	740	25
56-41-0018	2256700	512193	10	9	63	15	8,960	409	301	2	11,790	4.4	524	9-67	36	740	22
56-41-0022	2225941	543853	8	29	63	40	9,905	447	286	2	13,270	4.2	560	6-67	38	610	22
56-41-0027	2171228	550942	9	5	62	29	8,646	374	305	3	13,023	4.5	584	1-68	42	711	31

TABLE 4.—HIGH-RANKING PROGENY OF DHIA SIRE: GUERNSEY—Continued

COW'S LAST HERD CODE	COW'S REGISTRATION NO.	COW'S SIRE REGISTRATION NO.	COW'S BIRTH DATE (Mo.) (Day) (Yr.)	HERDMATES			AVERAGE PRODUCTION OF COW					LAST CALVING		REPEAT- ABILITY (Pct.)	COW INDEX	
				NUM- BER	MILK (Lb.)	FAT (Lb.)	IN MILK (Days)	REC- ORDS	MILK (Lb.)	FAT (Pct.)	FAT (Lb.)	(Mo.) (Yr.)	CAR		MILK	FAT
56-41-0027	2231222	511244	12 1 63	24	8,860	388	301	3	13,496	3.9	521	3-68		42	732	18
56-42-0037	2171802	523866	1 17 62	40	9,006	399	305	3	13,133	4.5	596	6-67		36	633	31
56-42-0037	1851258	523866	9 1 57	32	10,284	473	304	7	14,362	4.1	585	1-67		38	701	22
56-44-0006	2225101	511244	11 30 62	22	10,086	456	305	3	15,923	4.0	635	1-68		42	886	24
56-45-0009	2348245	536994	1 27 65	37	7,290	345	291	1	11,600	4.6	534	8-67		34	605	20
56-46-0036	2215972	511244	1 25 63	28	7,640	349	305	1	14,450	4.5	657	9-67		35	719	26
57-53-0526	2390148	501586	9 15 64	38	9,940	481	305	2	12,985	4.5	584	1-68		39	598	22
57-53-0526	2325372	539419	7 20 65	18	10,840	521	305	1	14,800	4.8	709	3-68		34	552	20
57-57-0026	2329799	556020	9 4 63	26	9,360	444	305	2	13,515	4.8	655	8-67		39	552	28
57-64-0003	2192484	552197	1 28 63	116	9,256	452	305	3	13,020	5.1	668	10-67		32	610	33
57-64-0003	1970326	475548	8 7 59	53	10,141	471	304	6	14,985	4.5	671	11-67		44	791	37
57-83-0505	2119015	511244	9 12 61	6	8,535	365	305	4	13,265	3.6	475	7-67		43	772	15
58-03-0022	2176545	550942	9 25 62	176	6,876	298	304	3	11,853	4.2	492	11-67		42	761	29
58-03-0022	2233981	550942	10 10 63	206	7,110	308	305	2	10,600	4.3	461	11-67		40	550	23
58-03-0022	2193605	550942	1 4 63	224	7,146	308	275	3	10,406	4.2	437	11-67		42	564	21
58-03-0022	2213707	550942	7 7 63	206	7,110	308	305	2	10,555	4.4	464	11-67		40	545	23
58-03-0022	2286636	550942	10 1 64	212	7,600	330	305	1	12,470	4.3	532	12-67		35	586	23
58-05-0006	2276573	542759	8 1 64	92	12,240	520	305	2	17,835	3.5	631	1-68		29	777	15
58-05-0006	2100231	538936	8 24 61	90	11,520	503	304	5	16,172	4.3	688	11-67		35	721	28
58-05-0006	2157258	538680	2 7 62	106	11,007	477	304	4	15,625	4.6	711	9-67		35	688	34
58-05-0006	2222468	548224	8 10 63	83	11,555	490	305	2	18,515	3.5	643	9-67		29	859	18
58-05-0006	1991035	542759	1 8 60	48	11,284	496	305	5	14,832	5.3	787	8-67		35	632	46
58-06-0007	2335610	511244	11 22 65	54	9,280	401	305	1	15,260	4.2	641	11-67		35	669	21
61-24-0018	2345990	550942	10 1 65	14	10,890	540	305	1	15,230	4.4	673	12-67		35	571	20
61-24-0018	2256187	557482	2 6 64	11	9,610	484	301	2	12,760	5.1	653	6-67		34	555	25
61-24-0018	2256191	537680	4 9 64	16	10,410	511	305	2	14,145	5.1	726	1-68		37	616	33
61-25-0003	2139840	540259	10 16 61	28	9,690	471	305	1	13,380	5.2	690	10-67		26	595	28
63-05-0008	2040173	538210	7 7 60	22	9,650	463	304	6	13,441	4.4	588	11-67		35	602	20
63-05-0008	2087209	538210	1 26 61	28	9,512	460	305	5	14,716	4.3	630	1-68		35	815	26
63-23-0016	2162474	547459	9 30 61	50	10,860	509	305	4	16,735	4.6	767	9-67		38	947	40
63-23-0016	2255758	558947	8 1 63	75	10,785	495	305	2	15,050	4.1	614	12-67		29	871	31
63-23-0016	2253871	557482	2 12 64	34	10,115	449	305	2	16,185	4.3	699	12-67		36	840	31
63-23-0016	2255773	558947	8 7 63	74	10,890	492	305	2	14,445	4.7	679	1-68		29	787	39
63-23-0016	2335785	558947	1 17 65	48	11,190	499	305	2	16,230	4.3	704	3-68		29	970	41
63-23-0016	2306674	558947	7 23 64	54	11,070	496	305	1	13,510	4.6	615	8-67		22	554	26
63-23-0016	2255819	558947	12 11 63	72	10,785	497	266	2	13,670	5.0	686	10-67		28	662	38
63-23-0016	2255801	558947	4 6 64	59	11,105	499	305	2	16,945	4.7	800	3-68		29	1066	53
63-23-0016	2306677	558947	9 11 64	53	11,155	497	305	2	14,935	4.4	655	3-68		29	817	36
63-23-0016	2306675	558947	8 21 64	62	11,095	499	305	2	15,920	4.6	740	12-67		29	943	46
63-23-0016	2255807	558947	7 3 63	27	10,595	489	305	2	15,580	4.5	697	8-67		28	968	42
63-23-0016	2306702	558947	1 7 65	18	9,970	446	305	1	14,340	4.4	626	7-67		22	778	33
63-23-0016	2360373	558947	7 5 65	61	10,580	475	305	1	13,050	4.2	550	12-67		23	601	24
63-23-0016	2343824	558947	3 6 65	18	9,970	446	305	1	13,840	4.6	630	7-67		22	732	34
63-23-0016	2343829	558947	5 17 65	59	10,660	472	299	1	12,930	4.5	586	2-68		23	584	27
63-23-0016	2343832	558947	5 10 65	57	10,580	478	305	1	14,160	4.8	680	10-67		22	654	34

63-23-0016	1945196	475548	1 12 59	60	10,588	496	305	5	14,154	4.4	629	2-67	44	630	29
63-51-0003	2303977	557737	11 25 64	10	11,200	554	305	1	17,390	4.7	815	8-67	23	856	37
63-51-0003	2335124	557737	1 2 65	10	11,200	554	305	1	15,400	4.9	748	8-67	23	676	31
63-51-0003	2177764	547459	11 4 62	21	11,026	525	305	3	14,356	4.7	676	11-67	37	579	24
63-51-0003	2244677	557737	8 12 63	16	11,166	525	305	3	19,466	4.6	896	2-68	32	1400	61
63-51-0003	2244681	557737	12 15 63	24	12,065	577	305	2	14,350	4.7	674	11-67	29	564	24
64-25-0114	2217925	533769	7 29 63	19	10,275	462	226	2	13,280	4.7	618	1-68	40	586	20
64-25-0114	1935087	520701	11 2 58	18	9,600	440	305	6	13,636	4.7	642	8-67	39	636	33
64-25-0114	1867040	520701	8 16 57	18	9,768	445	305	7	13,455	4.6	620	11-67	39	589	30
64-58-0115	2274739	552443	8 11 64	17	7,935	340	302	2	12,805	3.7	472	8-67	31	681	21
65-02-0009	2304423	559658	8 7 64	35	8,250	384	305	1	17,040	4.3	737	11-67	23	951	37
65-02-0009	2299734	559658	5 5 64	42	8,560	395	305	1	12,260	4.8	634	8-67	23	584	27
65-02-0009	2177519	559658	11 2 62	45	9,036	404	305	3	14,953	4.3	648	2-68	32	921	37
65-02-0021	2236228	501586	9 29 63	36	9,775	445	305	2	12,630	4.3	543	11-67	39	577	21
65-02-0021	2268603	501586	6 2 64	25	10,140	448	305	2	13,460	4.3	585	1-68	39	628	26
65-02-0021	2320532	501586	3 11 65	33	10,010	455	305	1	13,900	4.7	653	11-67	35	598	27
65-02-0065	2389004	533769	7 31 65	86	6,910	318	305	1	11,610	4.7	550	10-67	35	625	21
65-03-0017	2371957	546626	1 15 65	53	10,550	475	305	1	13,750	3.9	531	10-67	29	619	20
65-03-0017	2308425	546626	10 25 64	53	10,550	475	305	1	14,450	4.3	626	10-67	29	677	28
65-03-0017	2130039	546626	7 7 61	23	10,457	460	305	4	15,435	4.2	652	8-67	36	1022	41
65-03-0017	2212008	546626	9 17 62	24	10,975	490	302	2	13,485	4.8	642	9-67	32	634	32
65-03-0017	2228125	546626	4 18 62	14	10,797	467	305	4	14,937	4.2	634	8-67	36	909	38
65-03-0017	2212009	546626	9 30 62	18	10,800	480	305	1	13,310	4.2	553	8-67	26	581	22
65-03-0017	2130040	546626	7 19 61	29	10,406	458	304	5	15,082	4.4	668	11-67	40	910	40
65-03-0017	2212005	546626	8 1 62	17	10,755	470	305	2	12,965	4.7	604	8-67	32	597	30
65-03-0017	2130042	546626	8 9 61	21	10,460	461	305	4	15,277	4.6	699	8-67	36	999	47
65-03-0017	2212010	546626	10 4 62	25	10,710	474	283	3	12,496	4.4	545	8-67	34	567	24
65-03-0231	2279343	539419	8 8 64	10	11,990	563	305	2	18,750	3.7	700	1-68	38	954	21
65-03-0231	1975397	475548	8 9 59	16	11,488	520	304	5	15,618	4.2	652	2-67	44	716	29
65-19-0098	2220308	511244	9 20 62	15	8,903	411	304	3	13,696	4.6	633	9-67	42	751	28
65-19-0106	2342769	546626	7 30 65	30	10,250	473	290	1	13,050	4.1	539	9-67	29	583	21
65-19-0106	2342774	546626	9 8 65	28	10,150	467	305	1	12,810	5.1	656	10-67	29	571	31
65-33-0001	2328281	555991	7 6 65	165	10,470	496	305	1	16,030	4.3	696	11-67	24	688	26
65-33-0001	2266053	555991	2 10 64	177	9,110	440	305	2	13,500	4.9	658	10-67	29	687	33
65-33-0001	2241317	555991	11 6 63	112	9,700	461	305	2	13,350	4.4	591	2-68	29	605	23
65-33-0001	1920224	475548	1 5 59	61	10,968	528	266	6	15,425	5.2	804	9-67	44	752	48
71-02-0008	2176669	545327	10 10 62	9	10,940	529	291	3	15,656	4.7	729	12-67	41	653	30
72-17-0006	2065758	545581	1 25 61	48	11,144	490	303	5	16,412	3.7	605	2-68	36	871	17
72-17-0006	1871433	475548	1 8 58	55	10,070	447	305	4	14,902	4.0	590	11-67	43	761	29
72-34-6115	2337068	540888	9 8 65	123	9,000	423	305	1	14,580	4.4	637	10-67	33	645	25
72-34-6115	2283866	540888	8 7 64	114	9,315	432	305	2	14,135	4.2	595	11-67	37	706	25
72-37-0001	2340120	533769	5 13 64	109	9,450	424	305	2	14,720	4.0	590	2-68	40	809	21
72-37-0001	2340120	496783	10 23 65	130	9,400	428	305	1	14,980	4.3	647	11-67	36	547	26
72-37-0001	2340104	533769	9 3 65	93	9,870	441	305	1	14,850	4.4	654	2-68	35	669	20
72-37-0001	2340124	546626	11 7 65	125	10,060	451	305	1	14,030	4.8	669	1-68	30	615	30

TABLE 4.—HIGH-RANKING PROGENY OF DHIA SIRES: GUERNSEY—Continued

COW'S LAST HERD CODE	COW'S REGISTRATION NO.	COW'S SIRE REGISTRATION NO.	COW'S BIRTH DATE (Mo.) (Day) (Yr.)	HERDMATES			AVERAGE PRODUCTION OF COW					LAST CALVING		REPEAT- ABILITY (Pct.)	COW INDEX	
				NUM- BER	MILK (Lb.)	FAT (Lb.)	IN MILK (Days)	REC- ORDS	MILK (Lb.)	FAT (Pct.)	FAT (Lb.)	(Mo.) (Yr.)	CAR		MILK	FAT
72-37-0109	2315108	540888	2 20 65	7	9,350	423	305	1	13,640	4.5	608	6-67		33	546	23
72-42-0123	2191041	555391	1 11 63	31	7,520	333	302	3	10,790	4.2	454	10-67		34	612	22
72-42-0123	2211907	555391	3 28 63	27	8,740	377	305	1	12,500	4.1	509	2-67		26	552	20
73-03-9003	2235552	553653	9 25 63	89	9,626	400	305	3	14,586	4.0	590	12-67		32	820	31
73-03-9003	2340178	553653	10 24 64	107	9,930	417	305	2	14,535	4.2	606	11-67		29	710	29
73-09-9010	2340206	553653	2 27 65	31	12,130	516	302	2	15,285	4.6	706	1-68		29	563	30
73-09-9010	2197741	511244	9 21 62	5	12,780	587	305	2	20,810	4.7	980	10-67		40	1058	44
74-21-0144	2222759	546829	8 10 63	18	7,293	332	305	3	10,453	4.5	466	3-68		32	558	22
74-21-0144	2156177	546829	5 10 62	24	6,786	317	305	3	11,126	4.5	500	6-67		32	711	28
82-12-0119	2241907	549235	10 20 63	17	10,715	495	280	2	14,185	4.0	562	12-66	B	40	749	13
82-48-5150	2248611	549235	3 14 63	15	10,585	520	242	2	15,060	4.4	658	8-67		40	849	20
82-52-0169	2287609	533769	2 1 64	27	10,180	465	305	1	16,140	4.2	678	6-67		35	745	20
84-03-0032	2302738	557983	9 2 64	16	8,400	400	305	2	12,170	5.0	607	12-67		29	645	33
84-03-0032	2302741	557983	9 28 64	21	8,680	416	305	2	11,715	4.5	533	10-67		29	559	23
84-03-0032	2134269	496783	4 12 62	23	8,956	424	301	3	13,773	4.0	557	7-67		42	668	24
84-03-0036	2360926	555005	10 13 65	21	9,560	445	305	1	15,110	4.4	662	1-68		23	569	23
84-07-0034	2302745	557983	12 22 64	7	10,470	454	303	1	15,790	4.4	688	3-67		23	707	31
84-07-9050	2340709	533769	6 4 65	5	8,390	398	305	1	13,830	4.7	656	7-67		35	692	23
85-03-0016	2214134	515501	3 15 63	30	10,115	459	305	2	14,155	4.4	619	9-67		40	658	22
85-21-9001	2181583	544348	10 26 62	452	11,676	495	301	3	15,356	4.2	649	3-68		32	576	23
85-21-9001	2276624	550942	10 10 64	589	11,265	496	287	2	14,370	4.3	616	9-67		40	553	21
85-21-9001	2276589	511244	8 26 64	404	11,030	491	282	2	16,045	3.8	606	8-67		40	733	15
85-21-9001	2313899	511244	5 6 65	297	11,915	499	300	2	16,660	4.0	684	4-68		40	714	20
85-21-9001	2343505	533769	12 5 65	491	12,620	529	305	1	18,980	3.8	728	1-68		35	793	20
85-21-9001	2318956	546861	4 18 65	624	11,350	494	305	1	17,450	4.5	784	7-67		26	724	31
85-21-9001	1997024	465100	4 10 60	532	12,470	534	305	1	17,520	4.4	770	11-67		24	655	29
86-01-9039	2251793	491754	2 17 64	49	10,650	478	305	2	15,460	4.1	627	7-67		32	755	25
86-02-9012	2084612	491754	12 17 60	56	11,752	531	305	4	17,717	4.0	711	12-67		36	1043	33
86-02-9012	2277466	557609	6 9 64	76	12,475	548	305	2	16,585	4.4	727	12-67		29	575	27
86-02-9012	2320369	491754	2 1 65	60	14,420	599	305	1	18,890	4.1	768	6-67		26	630	24
86-02-9012	2334908	546331	5 5 65	44	13,470	561	305	1	17,690	3.9	688	8-67		35	650	28
86-02-9012	2318017	491754	1 7 65	49	14,475	605	303	2	18,775	3.6	674	3-68		32	740	17
91-10-5034	2332781	501586	7 10 65	13	9,820	457	305	1	13,330	4.2	561	10-67		35	568	20
91-12-5013	2292508	559320	10 4 64	10	12,935	613	305	2	18,605	4.9	914	4-68		30	817	44
91-12-0045	2123811	500335	7 4 61	17	10,930	511	305	2	16,365	4.8	788	2-68		30	652	34
91-12-0045	2168959	538794	8 12 62	27	9,950	477	305	2	14,095	4.7	666	8-67		29	578	24
91-12-0075	1920937	501586	10 31 58	7	9,597	449	305	4	12,870	5.1	654	11-67		42	676	37
91-38-0067	2303296	546331	12 14 64	20	9,290	446	305	1	15,300	4.9	749	11-67		35	724	39
91-58-5007	2134783	546331	9 23 61	33	10,725	539	299	4	12,865	4.8	623	7-67		42	550	27
91-58-0020	2132153	549336	8 9 61	6	10,430	459	305	2	14,930	4.5	673	3-68		37	597	30
91-58-0020	2217860	552188	4 29 63	13	10,140	471	251	2	13,680	4.8	660	1-68		30	558	27
91-58-5025	2281377	558793	10 9 64	24	9,010	449	305	1	13,270	5.4	710	8-67		27	580	32
91-58-5025	2339267	546331	6 13 65	20	9,400	465	305	1	13,600	4.9	671	8-67		35	617	33
91-58-5025	2281384	558793	11 3 64	28	10,270	499	305	1	14,760	4.5	669	10-67	H	27	611	25
91-58-5037	2311304	549235	8 22 63	13	11,440	524	305	2	14,030	4.7	656	8-67		40	667	20

91-58-5037	2311310	549235	8	6	64	20	12,020	561	305	1	16,400	3.9	637	5-67	36	753	12
91-58-5045	2238854	559320	1	21	64	30	13,235	646	305	2	19,800	4.4	862	10-67	30	940	35
91-58-5045	2049825	496783	7	25	60	22	13,457	648	305	4	16,545	4.4	736	1-68	44	548	22
91-58-5056	2259270	508870	12	28	63	15	10,780	502	305	2	14,355	4.6	661	4-68	35	595	23
91-58-5145	2330805	546331	8	24	64	15	9,760	463	300	2	16,805	5.2	873	3-68	39	943	56
91-62-5118	2299016	562427	2	3	64	31	8,135	380	305	2	13,840	3.9	536	11-67	28	748	21
91-64-0046	2332091	546331	3	31	64	6	9,765	453	305	2	12,825	4.6	596	6-67	39	599	31
91-74-5022	2232488	546331	12	11	63	16	9,890	449	305	1	13,120	4.4	579	3-67	35	547	27
91-74-5067	2330995	546331	8	5	64	7	11,035	516	305	2	14,165	5.0	707	12-67	39	590	35
91-74-5118	1970157	535254	6	20	59	14	11,228	555	305	6	14,680	4.2	616	7-67	37	772	19
91-78-5002	2345900	539419	9	9	65	20	13,100	576	305	1	17,120	4.6	786	2-68	34	574	22
91-78-5002	2224604	511244	3	5	63	29	12,055	575	305	2	15,535	4.7	737	7-67	40	587	21
91-78-5002	2126321	549335	10	30	61	32	12,357	562	305	4	17,697	4.6	817	1-68	35	914	46
91-78-0027	2234372	546331	11	2	63	16	9,970	445	303	3	12,846	4.2	543	12-67	41	583	25
91-78-0027	2227722	546331	7	4	62	18	8,917	405	302	4	11,767	5.2	615	10-67	42	588	40
92-03-5008	1669552	484493	3	25	55	32	10,441	537	304	9	15,302	4.3	665	11-67	39	717	23
92-04-5038	1967927	525910	12	28	57	6	12,943	670	305	6	16,910	5.1	860	3-68	42	607	41
92-13-0020	2330686	568547	10	25	64	34	9,190	431	305	1	15,530	4.6	715	11-67	22	638	29
92-13-0029	2285250	501586	11	13	64	37	10,815	511	298	2	13,880	4.3	603	8-67	39	609	21
92-16-0098	2328188	546331	3	28	65	14	11,240	484	305	1	14,860	4.6	680	6-67	35	587	33
92-20-0102	2241583	501586	10	11	63	56	9,760	458	305	1	14,100	4.4	623	7-67	35	631	25
92-20-0102	2245161	554708	1	2	63	51	9,930	469	297	1	15,170	4.6	699	6-67	26	607	27
92-20-5108	2321182	549342	3	28	65	22	10,690	494	305	1	13,260	4.5	600	5-67	32	600	20
92-20-5108	2347393	546331	9	22	65	25	11,180	550	305	1	15,550	4.2	659	10-67	35	613	25
92-20-5108	2016373	521653	4	7	60	14	9,490	444	305	5	12,842	4.8	614	6-67	43	585	27
92-27-5025	2287421	549342	1	25	65	11	11,200	510	305	2	14,685	4.3	636	3-68	37	713	23
93-10-9011	2276459	549235	9	12	63	9	11,715	571	305	2	15,350	4.6	700	12-66	40	776	20
93-10-9269	2264597	508870	2	12	64	40	11,445	515	305	2	15,475	4.2	649	11-67	35	652	20
93-12-9005	2251708	511244	1	10	64	16	12,650	555	305	2	19,850	3.9	768	6-67	40	972	26
93-19-9063	2248789	508870	12	8	63	7	12,520	523	294	2	16,195	4.1	659	12-67	35	625	21
93-19-9063	2274195	508870	10	22	64	5	12,405	524	305	2	16,300	4.2	689	1-68	35	648	24
93-24-9062	2262755	550012	1	4	64	94	12,365	580	305	2	16,205	4.4	715	12-67	30	616	21
93-24-9062	2210525	550012	4	17	63	98	12,475	585	305	2	15,915	4.5	713	12-67	30	569	20
93-34-9148	2337973	552896	8	17	65	52	11,190	536	305	1	14,480	4.4	631	10-67	25	638	20
93-34-9148	2320300	552896	5	5	65	30	11,350	550	305	1	16,110	4.3	697	6-67	25	860	28
93-34-9148	2330563	552896	4	9	65	18	11,040	534	305	1	13,220	4.8	639	5-67	25	630	24
93-34-9148	2320299	552896	3	16	65	16	11,560	559	305	1	15,060	4.2	626	9-67	25	751	21
93-34-9148	2330565	552896	4	24	65	30	11,350	550	305	1	14,050	4.5	627	7-67	25	679	22
93-39-9015	2292318	561587	7	24	64	92	12,965	564	303	2	17,020	4.1	692	1-68	29	606	22
93-39-9015	2166309	516329	7	19	62	90	11,835	537	305	2	15,500	4.5	695	7-67	32	566	28
93-39-9015	2241687	530378	12	19	63	89	13,340	585	305	2	19,470	3.8	739	12-67	32	851	22
93-39-9015	2167935	552896	7	23	62	81	12,815	577	301	4	14,810	4.3	638	3-68	35	614	20
93-39-9015	2169436	516329	8	7	62	64	12,503	567	303	3	16,816	4.6	776	7-67	34	717	37
93-39-9015	2202057	552896	12	14	62	95	13,007	572	301	4	14,872	4.5	670	4-68	35	599	25
93-39-9015	2224363	516329	7	30	63	87	11,765	536	300	2	16,245	4.4	710	8-67	32	660	30

TABLE 4.—HIGH-RANKING PROGENY OF DHIA SIRE: GUERNSEY—Continued

COW'S LAST HERD CODE	COW'S REGISTRATION NO.	COW'S SIRE REGISTRATION NO.	COW'S BIRTH DATE (Mo.) (Day) (Yr.)	HERDMATES			AVERAGE PRODUCTION OF COW					LAST CALVING		REPEAT- ABILITY (Pct.)	COW INDEX	
				NUM- BER	MILK (Lb.)	FAT (Lb.)	IN MILK (Days)	REC- ORDS	MILK (Lb.)	FAT (Pct.)	FAT (Lb.)	(Mo.) (Yr.)	CAR		MILK	FAT
93-39-9015	2174006	552896	9 14 62	73	12,747	580	298	4	15,332	4.4	675	11-67		35	708	25
93-39-9015	2152707	516329	5 14 62	80	11,926	545	305	3	15,120	4.9	748	8-67		34	562	36
93-39-9015	2133527	530378	9 8 61	78	12,780	570	305	3	16,186	4.3	696	12-67		34	584	20
93-49-9065	2245886	549235	12 20 63	25	9,880	474	305	2	12,730	4.8	613	6-67		40	677	20

TABLE 5.—HIGH-RANKING PROGENY OF DHIA Sires: HOLSTEIN

COW'S LAST HERD CODE	COW'S REGISTRATION NO.	COW'S SIRE REGISTRATION NO.	BIRTH DATE (Mo.) (Day) (Yr.)	HERDMATES			AVERAGE PRODUCTION OF COW				LAST CALVING		REPEAT- ABILITY (Pct.)		COW INDEX	
				NUM- BER	MILK (Lb.)	FAT (Lb.)	IN MILK (Days)	REC- ORDS	MILK (Lb.)	FAT (Pct.)	(Mo.) (Yr.)	CAR			MILK	FAT
11-10-0001	4713401	1268297	7 8 58	35	13,766	530	299	8	17,827	3.7	668	10-67	43		656	30
11-10-0001	6398579	1411214	12 12 63	43	12,705	467	302	2	18,220	3.8	684	9-67	40		634	27
11-10-0001	6252512	1412128	12 23 64	24	12,910	491	305	1	17,440	3.4	598	6-67	35		645	15
11-10-0001	5680319	1377802	8 11 62	58	14,167	520	281	4	16,857	3.4	571	9-67	37		623	18
11-10-0001	5680320	1377803	8 18 62	55	14,257	514	302	4	17,760	3.8	676	1-68	37		812	31
11-10-0001	5700285	1377803	10 6 62	53	14,340	517	278	4	17,025	3.4	577	1-68	37		700	17
11-10-0001	5544729	1377802	2 4 62	49	14,442	539	300	4	17,937	3.5	623	9-67	37		738	22
11-10-0005	5687418	260599C	11 19 62	31	16,886	674	305	3	21,080	3.6	762	4-67	42		792	13
11-10-0005	5678366	1397517	11 5 62	20	16,213	636	305	3	21,880	4.5	976	5-67	41		689	46
11-10-0011	5578637	1372079	1 26 62	24	15,510	602	304	5	19,726	3.7	724	4-68	35		613	20
11-10-0013	5785461	1349029	12 15 62	15	14,866	566	305	3	19,093	3.6	693	7-67	38		632	21
11-10-0013	6379729	1454800	8 27 65	13	17,250	616	305	1	20,990	3.5	741	3-68	24		797	28
11-10-0013	6379730	1454800	10 4 65	6	15,380	559	305	1	20,430	3.7	753	4-68	24		897	34
11-10-0013	5958485	1349520	9 11 63	36	16,900	610	300	2	21,650	3.2	696	1-68	35		818	8
11-10-0013	5958033	1397517	10 11 63	27	16,290	592	298	3	23,120	3.2	731	1-68	41		815	21
11-10-0028	5943979	1349029	12 17 63	12	14,365	550	288	2	19,940	3.5	705	8-67	36		710	21
11-10-0028	5793669	1349029	12 19 62	12	14,520	567	301	3	20,810	3.2	656	7-67	38		882	16
11-10-0028	6526785	1454800	11 1 65	37	15,320	559	305	1	24,970	3.1	777	11-67	24		1306	36
11-10-0028	6526783	1454800	10 22 65	28	16,330	581	305	1	18,210	3.8	700	1-68	24		623	27
11-10-0028	6526784	1454800	10 25 65	41	15,570	572	305	1	20,170	3.3	667	10-67	24		859	25
11-10-0028	6466179	1454800	9 2 65	11	16,100	552	305	1	21,080	3.1	650	3-68	24		897	25
11-10-0028	6466175	1454800	9 26 65	37	15,320	559	305	1	18,690	3.9	723	11-67	24		747	31
11-10-0028	6466178	1454800	8 8 65	16	16,460	577	305	1	19,100	3.6	688	2-68	24		692	26
11-10-0028	6221042	1412128	8 23 64	39	16,130	596	299	2	19,950	3.7	744	10-67	40		735	23
11-10-0033	5668226	1373710	6 26 62	12	14,410	544	305	3	18,200	3.7	673	12-67	33		623	20
11-10-0033	6310610	1308429	1 10 65	11	14,370	518	305	1	22,630	3.6	820	8-67	36		805	23
11-10-0038	5955569	1411214	10 3 63	9	12,995	488	289	2	18,995	3.3	629	7-67	40		690	20
11-10-0038	5955568	1411214	8 13 63	6	14,413	527	305	3	20,543	3.4	702	4-68	42		807	26
11-10-0042	6037723	1412128	3 27 64	18	13,750	497	295	2	21,440	3.2	676	2-68	40		1072	24
11-10-0042	6493963	1412128	4 16 65	13	13,650	493	305	1	18,370	3.3	600	12-67	35		696	15
11-10-0069	5355817	1282739	3 5 61	13	13,347	515	305	4	19,757	4.2	830	7-67	36		858	48
11-10-0167	5936169	1359770	10 6 62	26	15,913	576	305	3	19,753	3.6	704	9-67	42		608	15
11-10-0196	5662210	1397517	10 22 62	12	15,506	575	280	3	20,660	3.8	775	5-67	41		620	29
11-12-0007	6362049	1321904	8 29 64	23	13,355	466	305	2	20,330	3.4	686	3-68	38		969	31
11-12-0014	6381368	1412128	9 12 65	31	15,290	557	305	1	19,600	3.4	668	2-68	35		644	15
11-12-0014	5849939	1384782	10 28 62	28	15,966	595	305	3	19,946	3.8	767	7-67	31		686	28
11-12-0014	6565366	1461213	2 5 66	22	15,570	561	305	1	22,340	3.6	804	1-68	31		590	21
11-12-0014	6398374	1329588	6 25 65	19	16,150	583	305	1	24,260	3.2	765	10-67	36		887	21
11-12-0021	5931695	1330987	9 19 63	19	14,213	522	305	3	18,480	3.5	638	12-67	42		817	31
11-12-0075	5755853	1377803	11 14 62	23	14,483	508	293	3	17,460	3.2	565	7-67	35		721	16
11-13-0055	6051246	1303347	2 7 64	19	16,960	611	305	2	23,215	3.5	819	1-68	35		943	35
11-13-0055	5986610	1329588	12 11 63	10	16,076	585	262	3	19,396	3.4	667	2-68	42		649	17
11-13-0055	5489664	1373710	1 1 62	22	16,260	595	305	2	21,620	3.6	788	9-67	30		780	26
11-15-0008	6312058	1412128	2 25 65	19	13,570	504	305	1	17,050	3.6	620	10-67	35		602	16
11-15-0018	4697459	1270097	7 3 57	5	12,840	476	297	7	16,720	3.5	588	7-67	36		584	16

TABLE 5.—HIGH-RANKING PROGENY OF DHIA SIRES: HOLSTEIN—Continued

COW'S LAST HERD CODE	COW'S REGISTRATION NO.	COW'S SIRE REGISTRATION NO.	COW'S BIRTH DATE (Mo.) (Day) (Yr.)	HERDMATES			AVERAGE PRODUCTION OF COW				LAST CALVING		REPEAT- ABILITY (Pct.)	COW INDEX	
				NUM- BER	MILK (Lb.)	FAT (Lb.)	IN MILK (Days)	REC- ORDS	MILK (Lb.)	FAT (Pct.)	(Mo.) (Yr.)	CAR		MILK	FAT
11-16-0006	5890963	1199324	5 25 63	11	17,480	667	305	3	18,936	3.8	723	12-67	42	747	25
11-16-0006	5823782	1199324	4 13 63	9	16,600	647	305	3	18,660	4.2	782	10-67	42	806	34
11-16-0019	6387283	1199324	3 24 64	5	11,595	399	188	2	14,040	3.8	530	12-67	40	781	30
11-16-0019	6233559	1199324	7 17 64	6	11,335	393	187	2	12,325	3.3	406	1-68	40	630	18
11-16-0027	6395656	1417208	10 10 65	14	15,720	553	305	1	19,680	3.3	642	9-67	35	665	22
11-16-0027	6016529	1329588	1 13 64	9	14,855	512	305	2	19,635	3.6	703	8-67	40	746	26
11-16-0027	6215214	1417208	10 13 64	8	15,310	571	298	2	20,480	3.5	711	2-68	40	896	29
11-16-0052	6220353	1283917	9 22 64	6	12,550	454	302	2	17,835	3.2	575	10-67	40	839	12
11-17-0001	6273754	1273756	3 22 65	19	11,560	442	255	1	14,620	3.7	534	9-67	36	602	25
11-17-0006	5920429	1373411	7 4 63	27	15,076	552	305	3	21,340	3.7	780	3-68	36	838	29
11-17-0012	6209831	1343044	1 13 65	6	13,160	491	302	2	19,435	3.7	721	3-68	31	806	33
11-17-0012	6390520	1343044	11 13 65	11	16,420	626	305	1	22,300	3.7	819	12-67	26	619	24
11-17-0012	5113364	1343044	7 2 60	12	14,761	560	305	6	18,395	3.8	708	1-68	36	620	28
11-17-0015	6415578	1272863	9 27 65	33	14,960	553	305	1	18,310	3.7	681	2-68	33	589	19
11-17-0015	5908409	1412128	7 22 63	25	13,740	514	299	3	16,520	3.8	634	7-67	41	603	20
11-17-0036	6357897	1412128	6 11 65	9	12,550	462	305	1	16,520	3.5	578	6-67	35	600	15
11-17-0080	6124329	1433855	8 26 64	19	13,410	498	298	2	18,115	3.7	669	2-68	29	601	23
11-18-0003	6320768	1282185	12 3 64	12	18,335	681	305	2	29,560	3.2	932	12-67	40	1305	30
11-18-0003	6305500	1282185	3 16 65	19	18,010	681	305	1	27,030	3.7	1000	8-67	36	830	27
11-18-0003	6305497	1282185	1 31 65	11	17,720	664	305	2	22,470	3.9	875	2-68	40	641	25
11-18-0050	6699510	1412128	8 14 64	9	12,645	464	294	2	16,600	3.6	590	11-67	40	713	19
11-18-0060	6788548	1308429	9 24 65	25	12,970	483	305	1	20,020	3.5	700	11-67	36	704	16
11-18-0060	5795420	1231982	1 8 63	43	15,070	556	299	3	21,410	3.4	730	12-66	42	966	28
11-18-0066	6336110	1273756	4 1 65	16	14,680	551	305	1	17,230	3.7	640	12-67	36	588	26
11-18-0067	6301858	1412128	12 4 64	16	15,105	580	303	2	20,530	3.3	677	4-68	40	855	16
11-18-0067	6252844	1412128	10 12 64	48	15,740	600	305	2	21,685	3.6	770	12-67	40	948	25
11-18-0067	6050442	1411214	11 26 63	51	15,946	610	297	3	20,706	3.6	746	11-67	42	661	23
11-18-0067	6050447	1412128	11 2 63	52	15,896	608	305	3	18,986	3.6	687	12-67	42	696	17
11-18-0067	6451021	1420664	8 8 65	28	15,090	571	299	1	21,140	3.6	760	8-67	33	673	16
11-18-0067	6486054	1412128	10 22 65	60	16,320	590	305	1	20,610	3.5	730	10-67	35	684	18
11-18-0099	5716324	1343385	11 20 62	44	13,773	501	305	3	18,113	3.5	643	1-68	32	688	24
11-18-0099	6092106	1343385	3 27 64	63	13,725	491	304	2	18,400	3.5	640	1-68	29	664	23
11-18-0125	6356552	1412128	7 11 65	30	12,570	454	305	1	15,880	3.8	611	10-67	35	581	18
11-18-0136	6383701	1437730	8 9 64	107	14,260	532	305	1	22,560	3.1	703	7-67	22	953	21
11-18-0136	6383703	1437730	9 26 64	160	14,900	560	305	1	19,870	3.3	663	9-67	23	676	15
11-18-0136	5807775	1350190	12 17 61	93	14,330	530	305	3	19,903	3.5	704	12-67	42	841	22
11-18-0136	6596500	1437730	8 20 64	110	14,370	536	305	1	19,530	3.4	671	6-67	22	669	18
11-18-0136	6694569	1437730	7 12 65	160	14,900	560	294	1	19,130	3.5	675	9-67	23	609	16
11-18-0136	6526438	1437730	9 8 64	104	14,260	533	305	1	20,070	3.3	660	8-67	22	727	17
11-18-0209	6216111	1288610	1 14 65	15	12,770	464	305	1	20,550	3.0	614	7-67	35	763	12
11-20-0004	5919606	1290961	10 1 63	10	16,435	567	305	2	20,235	3.8	767	2-68	31	657	30
11-20-0005	6383267	1412128	10 12 65	31	13,190	477	305	1	18,270	3.4	613	11-67	35	720	17
11-20-0017	6479025	1412128	9 28 65	41	15,780	590	305	1	21,150	3.5	742	11-67	35	761	19
11-20-0017	6820136	1329588	8 25 65	20	15,550	537	305	1	20,480	3.9	796	12-67	36	646	26
11-20-0052	6734799	1273756	8 7 65	18	14,510	521	305	1	19,090	4.2	797	8-67	36	738	40

11-20-0065	5934181	1412128	11 18 63	7	13,540	496	286	2	18,450	3.2	588	7-67	39	793	15
11-20-0066	5978168	1413087	9 13 63	27	15,080	596	293	2	19,925	4.0	792	1-68	30	724	31
11-20-0066	5978167	1413087	9 1 63	26	15,600	617	301	2	19,990	4.2	846	1-68	30	676	35
11-20-0066	6364800	1413087	3 1 65	21	14,790	581	305	1	21,470	3.3	699	7-67	25	748	18
11-20-0066	6364803	1413087	4 21 65	21	14,790	581	305	1	20,410	3.6	738	7-67	25	654	22
11-20-0066	6364798	1413087	2 24 65	20	14,460	564	305	1	20,860	3.8	798	10-67	25	720	28
11-20-0077	6011932	1412128	1 1 64	10	13,490	477	303	2	18,245	3.6	652	8-67	39	777	24
11-20-0113	5282740	1358587	8 15 60	13	12,528	459	303	5	17,246	3.9	668	6-67	36	811	37
11-20-0119	5767465	1199324	12 26 62	20	14,766	545	304	3	17,096	3.6	622	9-67	42	816	26
11-20-0140	6385477	1412128	7 11 65	5	13,940	489	305	1	21,000	3.5	729	1-68	35	841	24
11-21-0009	5146577	1290961	6 24 60	18	14,726	552	301	5	18,450	3.6	659	11-67	36	727	21
11-21-0009	5769580	1290961	12 23 62	26	15,635	578	291	4	18,432	3.4	635	10-67	35	591	15
11-21-0009	5769579	1290961	12 15 62	23	14,745	542	305	2	20,325	3.2	651	12-67	31	846	19
11-21-0009	5872565	1290961	7 16 63	23	15,596	573	303	3	19,923	3.3	649	2-68	34	767	16
11-21-0009	6144992	1290961	6 5 64	20	14,385	530	305	2	19,185	3.6	683	11-67	31	750	24
11-21-0018	6091817	1412128	6 5 64	11	13,590	496	291	2	17,840	3.6	641	2-68	40	719	20
11-21-0048	6101916	1292925	5 25 64	17	15,050	585	305	2	20,010	3.8	751	1-68	31	724	26
11-21-0048	4936880	1292925	4 19 59	16	14,968	570	301	7	18,017	3.8	687	4-68	36	583	23
11-21-0048	6355232	1411214	7 7 65	26	16,380	610	305	1	23,010	3.7	861	1-68	35	615	26
11-21-0106	6491056	1273756	10 25 65	11	17,060	633	305	1	21,870	4.1	894	11-67	36	774	39
11-21-0106	5905696	1412128	8 27 63	15	16,476	613	304	3	21,080	3.5	736	11-67	42	879	22
11-21-0106	5905695	1411214	8 20 63	14	16,696	625	298	3	21,020	3.9	827	3-68	42	623	30
11-23-0013	5878159	1412128	9 19 63	19	13,085	497	305	2	17,430	3.9	672	11-67	40	757	24
11-23-0013	6062464	1345354	3 11 64	26	12,370	471	305	2	17,500	3.5	611	3-68	38	630	23
11-23-0013	6155526	1412128	9 20 64	21	13,100	505	305	2	19,575	3.3	643	2-68	40	941	19
11-23-0021	6409118	1259039	12 28 63	10	13,905	511	305	2	18,045	3.6	649	6-67	40	636	18
11-23-0031	6391774	1273756	10 25 65	13	12,860	457	293	1	16,090	3.8	609	11-67	36	625	30
11-23-0036	5711826	1199324	6 3 62	18	14,280	506	305	2	14,790	3.6	526	8-67	40	611	20
11-23-0036	5817584	1287412	4 1 63	35	17,503	681	305	3	21,853	4.0	881	10-67	39	623	30
11-23-0036	5445889	1344645	10 2 61	26	17,027	661	268	4	22,515	3.6	821	6-67	36	970	30
11-23-0036	4676142	1287412	9 24 58	27	17,536	688	305	6	21,885	3.9	856	1-68	42	689	29
11-23-0036	5148872	1397517	5 20 64	35	18,535	716	305	2	24,355	3.8	933	11-67	38	646	29
11-23-0048	5718289	1199324	3 2 63	21	15,155	568	305	2	20,030	3.6	731	2-67	40	1063	35
11-23-0048	5750940	1199324	12 24 62	22	15,160	564	305	2	19,005	3.5	671	2-67	40	959	29
11-23-0051	6101649	1329588	2 15 64	10	14,690	576	305	2	22,315	3.6	804	12-67	40	1033	30
11-23-0063	6499340	1239242	1 24 66	8	16,420	588	305	1	22,560	3.3	734	2-68	36	786	22
11-23-0063	6284992	1259069	11 23 64	18	16,400	603	305	1	23,150	3.3	765	11-67	36	750	17
12-10-0106	5527394	1349319	1 15 62	10	13,818	523	295	5	16,762	3.7	617	12-67	43	638	18
12-10-0113	4833230	1272863	4 7 57	11	14,671	560	304	8	17,945	3.7	662	11-67	42	729	23
12-10-0116	5826408	1349319	12 18 62	21	13,096	484	293	3	16,380	3.5	573	12-67	41	635	16
12-10-0116	6153789	1349319	9 9 64	27	12,220	454	305	1	17,490	3.6	634	8-67	35	675	20
12-10-0116	6018323	1349319	10 27 63	26	12,515	460	305	2	16,355	3.5	568	9-67	39	652	17
12-10-0140	5854998	1349319	3 25 63	14	16,450	594	303	2	21,365	3.4	727	6-67	39	804	21
12-10-0140	5656009	1231830	8 9 62	17	17,326	641	299	3	23,110	3.5	819	7-67	38	583	24
12-11-0107	5765238	1222994	9 12 62	22	12,796	487	288	3	17,053	3.6	618	9-66	42	813	27

TABLE 5.—HIGH-RANKING PROGENY OF DHIA Sires: HOLSTEIN—Continued

COW'S LAST HERD CODE	COW'S REGISTRATION NO.	COW'S SIRE REGISTRATION NO.	COW'S BIRTH DATE (Mo.) (Day) (Yr.)	HERDMATES			AVERAGE PRODUCTION OF COW					LAST CALVING		REPEAT- ABILITY (Pct.)	COW INDEX	
				NUM- BER	MILK (Lb.)	FAT (Lb.)	IN MILK (Days)	REC- ORDS	MILK (Lb.)	FAT (Pct.)	FAT (Lb.)	(No.) (Yr.)	CAR		MILK	FAT
12-11-0108	6431339	1244009	1 3 66	15	13,970	529	305	1	17,630	3.7	645	2-68		36	707	19
12-11-0119	5639278	1240125	8 23 62	18	14,712	559	305	4	17,560	3.6	626	10-67		44	648	18
12-11-0119	5682918	1199324	12 25 60	25	13,717	506	305	4	17,040	3.7	624	11-67		44	934	31
12-11-0121	5553384	1358587	3 23 62	35	15,872	598	305	4	19,675	3.7	725	11-67		35	703	26
12-11-0121	5611395	1383021	3 28 62	41	14,685	545	304	4	18,400	3.9	713	8-67		35	674	28
12-11-0129	5524442	1313490	11 4 61	39	13,607	551	304	4	19,255	3.9	756	11-67		43	905	30
12-11-0129	5985754	1338594	10 2 63	42	14,140	560	303	3	17,773	3.9	685	10-67		34	635	22
12-11-0152	5936444	1349319	5 20 62	15	15,136	573	305	3	18,293	3.6	651	7-67		41	644	16
12-12-0112	6449899	1282185	2 9 64	22	15,220	615	305	2	21,870	3.5	761	10-67		40	809	18
12-12-0112	6503824	1199324	8 26 65	15	15,130	590	305	1	19,290	3.7	713	12-67		36	909	29
12-12-0115	6489164	1447750	11 1 65	28	13,880	553	305	1	18,660	4.1	774	12-67		24	792	29
12-13-0113	6538452	1447750	1 9 66	10	18,780	672	305	1	21,120	3.7	784	3-68		24	619	21
12-13-0113	6291468	1447750	12 10 64	21	17,560	671	305	1	22,390	3.2	710	10-67		24	821	14
12-13-0113	6352138	1447750	4 24 65	19	18,030	691	305	1	21,890	3.5	770	11-67		24	747	18
12-13-0113	6331884	1447750	3 3 65	20	17,610	663	305	1	20,710	3.5	721	8-67		24	676	16
12-13-0116	6069134	1389471	3 26 64	16	16,475	607	305	2	19,760	3.8	745	2-68		40	594	19
12-13-0116	5778350	1389471	2 9 63	12	14,673	555	302	3	19,990	3.4	670	7-67		42	869	17
12-13-0122	6157839	1388091	5 29 64	24	12,700	478	305	2	18,175	3.4	614	12-67		29	612	15
12-13-0124	5659513	1349319	5 6 62	13	13,133	492	234	3	18,016	3.4	615	11-67	8	41	822	20
12-13-0156	5803723	1222994	4 4 63	18	12,930	513	305	2	16,115	3.6	587	11-66		40	660	20
12-13-0174	6041576	1287883	2 7 64	15	14,755	558	305	2	21,100	3.9	816	9-67		30	722	33
12-13-0180	6330049	1388621	9 26 63	5	14,240	526	294	3	19,963	3.5	692	2-68	H	33	853	25
12-13-0194	6233688	1215995	9 6 64	21	16,845	629	305	2	23,210	3.8	882	11-67		40	608	31
12-13-0194	5933646	1234506	9 9 63	19	15,743	593	305	3	22,063	3.3	739	10-67		42	1155	23
12-13-0194	4805862	1087974	9 8 58	12	15,950	594	304	7	19,012	3.9	733	8-67		44	766	32
12-13-0201	6191143	1303347	8 3 64	13	16,475	603	305	2	20,510	3.7	760	8-67		35	691	29
12-13-0205	6819815	1441695	8 7 65	19	17,180	576	305	1	25,820	3.5	898	10-67		24	1204	38
12-13-0205	6819814	1441695	8 3 65	10	18,460	632	305	1	21,420	3.5	752	8-67		24	707	20
12-13-0205	6819812	1441695	7 27 65	19	17,180	576	302	1	24,640	3.0	734	10-67		24	1099	23
12-13-0205	6819811	1441695	7 25 65	19	17,180	576	290	1	21,520	3.3	711	10-67		24	819	21
12-13-0205	6571759	1441695	10 29 64	17	16,475	568	300	2	18,930	3.4	638	2-68		29	667	16
12-13-0206	6266335	1349319	11 8 64	21	14,125	541	290	2	18,045	3.7	664	10-67		39	677	19
12-13-0210	5909433	1244009	9 25 63	51	15,790	569	305	3	20,406	3.7	760	12-67		42	947	32
12-13-0235	6039501	1398363	10 8 63	10	15,135	560	303	2	19,130	3.3	633	12-67		38	610	16
12-13-0249	5968648	1244009	10 24 63	19	14,655	546	305	2	19,945	3.5	702	11-67		40	953	26
12-14-0140	5892636	1366097	9 14 63	6	14,683	523	305	3	18,556	3.8	701	7-67		33	616	26
12-14-0140	5648417	1366097	1 29 62	8	14,376	516	304	3	18,776	3.5	656	6-67		33	683	21
12-14-0142	6535559	1323367	4 17 64	10	15,500	581	305	4	19,520	3.7	723	11-67		32	662	18
12-14-0143	6005388	1337655	6 11 62	6	12,270	457	294	4	15,880	3.7	595	2-68		35	601	20
12-14-0146	6133829	1384741	2 12 64	17	11,045	409	305	2	15,350	3.3	512	11-67		29	589	15
12-14-0146	6133831	1384741	2 25 64	25	11,095	397	305	2	15,985	3.6	579	6-67	H	29	660	24
12-14-0158	4889709	1281479	9 27 58	14	13,781	514	304	8	17,740	3.5	613	9-67		44	607	24
12-14-0166	6277808	1239242	4 8 65	9	13,110	479	305	1	20,050	3.3	652	6-67		36	821	23
12-14-0174	5320870	1394885	11 21 60	32	15,062	537	301	5	19,538	3.2	634	1-68		36	846	16
12-14-0174	6441208	1273756	9 23 65	23	14,960	524	298	1	17,660	3.5	622	1-68		36	601	26

12-14-0174	5905085	1349319	10	7	63	37	14,845	515	299	2	18,335	3.5	640	9-67	39	640	19
12-15-0115	5572499	250585C	6	24	59	8	13,930	546	305	4	18,910	3.8	727	8-67	37	628	29
12-15-0116	6035911	1281479	7	15	63	6	14,633	623	243	3	20,930	3.8	801	3-68	42	790	32
12-15-0118	5864868	1349319	8	2	63	8	13,653	532	305	3	16,753	3.7	627	12-67	41	619	17
12-15-0119	6131914	1313490	6	13	64	41	16,480	635	305	2	22,405	3.9	873	1-68	40	848	29
12-15-0150	5797142	1349319	11	9	62	34	12,873	499	305	3	16,106	3.7	595	9-67	41	626	17
12-15-0151	6232410	1430145	8	6	64	23	13,945	548	302	2	19,735	3.9	774	1-68	32	991	39
12-15-0163	6299662	1389471	6	24	64	27	16,530	638	305	2	20,760	3.5	735	8-67	40	706	15
12-15-0177	6497917	1244009	9	6	65	10	14,930	554	300	1	17,290	3.6	627	3-68	36	617	16
12-15-0188	6258396	1313490	8	15	64	21	14,805	560	305	2	24,670	3.4	839	9-67	40	1232	33
12-15-0188	5985793	1215958	8	27	63	19	15,090	560	300	3	17,693	3.8	679	8-67	41	596	23
12-15-0191	5778349	1389471	12	14	62	6	12,145	440	229	2	16,320	3.7	598	10-67	40	655	19
12-16-0101	6355879	1273756	7	23	65	18	14,380	525	305	1	19,780	3.6	707	11-67	36	798	33
12-16-0103	6065317	1427972	1	3	64	28	15,885	616	305	2	20,705	3.8	780	12-67	29	671	23
12-16-0103	5922888	1387506	12	3	63	21	14,415	557	305	2	20,930	3.9	811	10-67	30	883	33
12-16-0112	5932140	1377803	7	12	63	30	13,976	514	305	3	16,216	3.6	587	3-68	35	619	18
12-16-0112	5957230	1377803	12	19	63	35	13,455	487	293	2	17,215	3.6	617	6-67	32	768	24
12-16-0112	6062782	1377803	1	6	64	34	13,605	493	305	2	16,220	3.5	560	7-67	32	638	16
12-16-0112	6336458	1377803	2	23	65	35	12,830	464	305	1	16,960	3.7	631	6-67	27	708	23
12-16-0112	6373152	1377803	5	19	65	36	12,490	450	305	1	15,710	3.6	566	9-67	27	627	19
12-16-0112	5596713	1377802	5	1	62	65	14,265	516	304	4	16,870	3.6	605	8-67	37	613	23
12-16-0112	6162003	1377803	7	16	64	36	12,550	489	305	1	15,890	3.5	549	10-67	27	638	17
12-16-0112	6170927	1273756	8	7	64	46	13,420	453	304	2	16,210	3.6	587	10-67	40	649	27
12-16-0115	5708524	1349319	6	4	62	16	12,430	458	303	3	16,243	3.7	593	8-67	41	689	21
12-16-0131	6153899	1427972	6	17	64	35	15,100	552	298	2	19,760	3.6	721	6-67	29	643	23
12-16-0171	6114922	1199324	6	16	64	25	11,360	412	290	2	12,710	3.6	455	6-67	40	667	21
12-17-0140	5882927	1407266	5	19	63	15	19,513	748	298	3	24,633	3.7	905	12-67	41	621	22
12-17-0145	5898642	1283917	5	10	63	27	16,600	609	297	3	19,073	3.8	729	10-67	42	621	15
12-17-0145	6323953	1349319	4	20	65	35	15,740	576	305	1	19,600	3.7	725	7-67	35	594	18
12-18-0106	5886219	1407266	8	11	63	15	15,850	597	305	3	22,133	3.3	729	1-68	41	714	17
12-18-0159	6106964	1329588	3	30	64	29	13,265	491	279	2	18,420	3.5	648	2-68	40	768	22
12-18-0181	6289643	1222994	1	5	63	24	14,825	507	305	2	18,560	3.7	678	11-66	40	735	30
13-01-0002	6111293	1278644	2	20	64	13	11,590	412	235	3	14,120	3.5	495	3-68	42	616	15
13-01-0022	5559686	1221835	4	28	62	29	15,920	539	304	3	18,176	3.3	599	5-67	42	637	17
13-01-0128	5730541	1199324	1	31	62	8	12,766	448	300	3	14,676	3.3	486	3-67	42	745	21
13-01-0137	5715422	1273756	2	5	63	33	15,036	548	269	3	17,816	3.8	671	11-67	42	691	32
13-01-0137	6163764	1273756	1	18	64	21	14,910	541	305	2	17,470	3.7	645	7-67	40	640	28
13-01-0137	6324296	1273756	6	19	64	28	14,525	527	259	2	17,800	3.7	661	9-67	40	709	31
13-01-0137	5976988	1234506	9	21	63	36	14,933	512	304	3	19,473	3.3	645	11-67	42	939	20
13-01-0137	6476771	1278644	10	17	65	46	15,070	501	305	1	18,080	3.5	629	1-68	36	620	16
13-01-0144	5465339	1317292	8	31	61	22	15,550	570	300	5	18,784	3.9	739	12-67	39	665	31
13-01-0144	6052091	1221835	7	20	63	32	15,603	579	298	3	18,766	3.8	720	12-67	42	737	27
13-01-0144	6260783	1431557	12	2	64	34	15,590	584	297	2	21,335	3.6	760	12-67	32	868	23
13-01-0146	6348550	1389471	6	30	65	39	12,920	459	299	1	19,140	3.2	619	9-67	35	724	16

TABLE 5.—HIGH-RANKING PROGENY OF DHIA Sires: HOLSTEIN—Continued

COW'S LAST HERD CODE	COW'S REGISTRATION NO.	COW'S SIRE REGISTRATION NO.	COW'S BIRTH DATE (Mo.) (Day) (Yr.)		HERDMATES			AVERAGE PRODUCTION OF COW					LAST CALVING (Mo.) (Yr.)		REPEAT- ABILITY (Pct.)	COW INDEX	
					NUM- BER	MILK (Lb.)	FAT (Lb.)	IN MILK (Days)	REC- ORDS	MILK (Lb.)	FAT (Pct.)	FAT (Lb.)				MILK	FAT
13-01-0146	6027689	1407892	3	20	64	13	13,370	479	305	2	18,460	3.3	612	9-67	30	652	19
13-01-0202	6549297	1330987	9	2	65	29	14,290	502	305	1	21,200	3.1	660	12-67	36	870	31
13-01-0202	6445471	1330987	11	4	64	34	15,440	541	304	2	18,500	3.5	643	4-68	40	627	28
13-01-0202	5702517	1359085	10	18	62	8	15,545	552	300	4	19,575	3.4	675	4-68	33	869	24
13-01-0203	6430699	1454679	10	8	65	37	17,230	611	305	1	25,330	3.4	862	11-67	22	1035	31
13-01-0203	6430698	1454679	10	23	65	37	17,230	611	305	1	20,910	3.4	708	11-67	22	633	17
13-01-0203	6430693	1454679	8	7	65	31	17,390	616	305	1	20,890	3.6	743	12-67	22	618	20
13-01-0203	6430694	1454679	8	27	65	31	17,390	616	305	1	22,960	3.3	751	12-67	22	806	20
13-01-0203	6412177	1454679	9	17	65	33	16,550	593	305	1	19,750	3.4	680	9-67	22	583	16
13-01-0203	5339446	1348259	11	7	60	29	16,272	603	305	5	18,214	4.0	732	5-67	44	611	30
13-01-0203	5921017	1239886	7	1	63	16	16,580	630	305	2	23,195	3.3	766	5-67	40	863	26
13-01-0214	6016994	1340669	1	3	64	50	14,530	517	288	3	18,440	3.6	660	12-67	42	723	17
13-01-0214	6204054	1417208	1	18	65	45	13,890	486	305	1	16,740	3.8	637	2-68	35	593	27
13-01-0214	6204052	1294703	12	24	64	46	14,600	508	305	1	20,110	3.7	751	11-67	35	860	29
13-01-0223	6144837	1419341	8	30	64	41	15,850	562	305	2	20,065	3.5	703	10-67	30	717	22
13-01-0223	5928889	1329588	12	7	63	40	15,875	561	305	2	19,200	4.1	795	9-67	40	608	31
13-01-0223	6470870	260599C	10	26	65	37	15,790	565	305	1	22,320	3.1	681	11-67	35	769	10
13-01-0269	6537508	1221835	7	10	65	20	17,190	573	305	1	20,210	3.8	778	7-67	36	637	26
13-01-0269	5951398	1239886	9	19	63	15	16,990	586	268	3	22,693	3.9	892	8-67	42	851	46
13-01-0269	6070508	1278644	3	17	64	16	16,190	553	288	2	18,155	3.6	660	7-67	40	587	18
13-01-0269	5534324	1221835	11	2	61	10	16,664	586	300	5	19,610	3.3	640	12-67	44	758	18
13-01-0269	5848352	1391420	3	5	63	9	17,597	614	278	4	20,932	3.7	771	12-67	36	596	28
13-01-0269	6805398	1221835	7	13	65	17	17,910	606	305	1	25,490	3.1	791	10-67	36	982	25
13-01-0308	5478401	1221835	9	12	61	21	10,495	382	305	2	15,580	3.5	550	12-67	40	847	26
13-01-0312	6301059	1415876	1	12	65	9	13,920	462	305	1	20,500	3.2	654	9-67	23	619	15
13-01-0313	6335738	1412128	6	27	65	12	18,310	674	305	1	22,960	3.5	813	3-68	35	692	18
13-01-0313	6524639	1348259	1	13	66	12	18,440	680	298	1	21,190	3.4	725	3-68	36	581	19
13-01-0313	6414335	1389471	10	23	65	27	17,800	636	305	1	22,020	3.7	819	1-68	35	590	19
13-01-0313	5527151	1221835	2	12	62	18	17,696	612	305	3	19,510	3.6	711	5-67	42	606	23
13-01-0323	5358086	1305991	3	13	60	19	16,177	600	297	4	19,130	3.8	732	11-67	34	645	26
13-01-0323	5235896	1305991	12	29	60	21	16,083	604	302	3	21,676	3.6	774	10-67	32	974	30
13-01-0331	5732525	1368263	11	7	62	20	11,270	409	296	2	18,535	3.1	571	11-67	32	875	14
13-01-0337	6455081	1348259	8	26	65	21	17,130	587	305	1	20,660	3.3	689	11-67	36	653	23
13-01-0406	6430425	1240125	10	2	64	36	16,685	610	302	2	20,320	3.5	704	12-67	40	700	20
13-01-0406	6387790	1278644	10	1	65	35	16,300	604	305	1	19,660	3.8	749	11-67	36	655	18
13-01-0406	5567995	1240125	12	29	61	22	16,862	609	303	4	24,302	3.2	778	9-67	44	1242	31
13-01-0410	6477615	1283917	8	21	65	44	15,260	549	305	1	21,350	3.2	675	12-67	36	800	10
13-01-0411	5465338	1317292	8	31	61	57	15,825	561	305	2	19,485	3.8	747	12-67	34	629	28
13-01-0411	5710251	1379345	9	3	62	46	17,227	612	303	4	24,207	3.2	784	12-67	37	1258	31
13-01-0411	5710257	1379345	11	16	62	44	16,623	584	305	3	19,476	3.4	662	1-68	36	663	17
13-01-0411	5710252	1379345	9	6	62	53	16,860	600	301	4	19,965	3.5	697	9-67	37	720	21
13-01-0411	5924773	1259069	12	27	63	48	14,610	508	296	1	20,830	3.6	758	8-67	36	697	23
13-01-0411	5924753	1379345	8	28	63	59	16,203	570	304	3	18,503	3.4	635	10-67	36	586	15
13-01-0411	6198348	1431557	7	28	64	55	15,140	543	305	2	19,080	3.7	701	10-67	32	654	20
13-01-0417	5015008	1241458	12	23	59	8	14,483	521	302	6	20,545	3.4	692	9-67	38	1060	32

13-01-0428	6509405	1312008	10 10 65	13	16,690	608	305	1	24,800	3.4	836	12-67	36	787	32
13-01-0428	5946356	1408080	9 18 63	13	17,283	621	291	3	20,670	3.2	670	12-67	38	751	12
13-01-0428	6625466	1323367	10 23 65	8	16,650	599	305	1	23,930	3.0	722	7-67	26	847	12
13-01-0534	5258267	1308429	12 27 60	18	15,407	534	305	4	23,880	3.1	736	5-67	44	1233	26
13-01-0534	6207046	1239886	8 24 64	79	13,795	472	294	2	18,245	3.5	642	11-67	40	615	27
13-01-0534	6268920	1278644	1 26 65	113	13,940	476	305	1	17,040	3.8	646	10-67	36	619	19
13-01-0543	6215081	1221835	12 21 64	9	13,190	506	305	1	16,700	3.5	577	9-67	36	644	16
13-01-0563	5934439	1222994	3 23 63	21	18,870	681	301	2	22,455	3.4	768	9-66	40	761	23
13-01-0808	6053137	1278644	9 13 63	14	14,480	484	305	1	21,640	3.1	663	10-67	36	925	20
13-01-0827	5958386	1278644	9 7 63	9	14,566	492	298	3	18,983	3.1	581	3-68	42	868	16
13-01-0827	5958387	1278644	12 18 63	6	14,175	497	302	2	18,650	3.2	593	3-68	40	821	16
13-01-0827	5958389	1239886	11 23 63	13	13,660	471	300	1	21,970	3.1	683	10-67	36	791	26
13-01-0827	5740631	1239886	9 16 62	5	14,420	522	299	3	18,356	3.2	590	3-67	42	619	18
13-01-0827	5740633	1239886	12 9 62	10	14,135	475	305	2	22,930	3.3	760	8-67	40	1060	39
13-01-0907	5729123	1239886	8 17 62	13	15,420	550	305	1	21,070	3.3	699	5-67	36	606	22
13-01-0907	6419190	1348259	8 24 65	14	17,230	595	305	1	20,390	3.5	711	3-68	36	603	24
13-01-0907	6419195	1278644	9 9 65	20	17,510	629	305	1	23,500	3.0	711	1-68	36	860	14
13-01-0920	6235273	1278644	11 11 64	31	16,485	572	285	2	20,350	3.1	638	10-67	40	783	14
13-02-0021	5946354	1408080	12 13 63	26	15,375	591	305	2	18,500	3.8	705	9-67	36	654	18
13-02-0034	5942315	1239886	12 4 63	17	16,290	596	293	2	22,340	3.2	714	2-67	40	803	23
13-02-0071	4911247	1278644	1 4 59	11	15,616	566	305	6	18,791	3.4	631	8-67	44	771	15
13-02-0071	6185060	1278644	9 3 64	14	17,525	626	299	2	20,590	3.5	723	1-68	40	712	18
13-02-0071	6185062	1148993	9 22 64	11	17,850	636	301	2	21,565	3.5	736	12-67	39	632	22
13-02-0085	6490732	1278644	12 2 65	22	16,800	696	305	1	19,350	4.3	841	4-68	36	599	19
13-02-0085	5612362	1243124	6 28 62	18	14,912	582	288	4	19,257	3.6	694	9-67	37	692	19
13-02-0088	6554605	1278644	9 10 65	28	16,500	597	305	1	24,720	3.1	772	12-67	36	1019	21
13-02-0091	6552000	1348259	12 17 65	13	9,580	340	297	1	13,370	3.5	465	3-68	36	592	22
13-03-0027	5892595	260599C	9 18 63	25	16,640	617	305	3	19,900	3.6	726	11-67	42	650	15
13-03-0053	5286509	1279868	11 26 60	26	14,190	534	305	5	21,226	3.7	791	12-67	42	1192	45
13-03-0058	6225264	1329588	2 15 65	17	13,785	515	305	2	17,080	4.0	683	12-67	40	584	24
13-03-0171	6178529	260599C	2 9 64	24	16,275	588	305	2	21,700	3.6	772	12-67	40	823	21
13-03-0342	5717499	1222994	12 9 62	8	14,003	485	224	3	17,263	3.5	602	3-67	42	712	25
13-04-0008	6501508	1273756	8 22 65	36	12,560	451	305	1	16,220	3.3	534	10-67	36	655	25
13-04-0008	6356066	1273756	12 18 64	34	13,210	464	305	1	15,950	3.4	536	4-67	36	591	24
13-04-0119	6155104	1273756	1 28 64	17	13,590	490	305	2	17,935	3.8	680	8-67	40	808	37
13-04-0154	6361101	1239242	8 18 65	32	14,480	549	305	1	18,170	4.2	757	12-67	36	589	26
13-04-0154	6259209	1278644	1 28 65	38	15,825	590	305	2	18,830	3.6	684	3-68	40	689	17
13-04-0158	6440434	1273756	12 21 65	6	12,380	432	303	1	15,570	3.7	576	12-67	36	618	29
13-04-0203	6517282	1459996	7 26 65	57	13,350	498	305	1	24,940	4.2	1059	10-67	35	700	33
13-04-0203	6529871	1273756	9 15 64	62	13,450	505	305	2	15,830	3.6	566	10-67	40	607	24
13-04-0203	6524617	1273756	12 13 64	67	13,080	482	305	1	17,400	3.5	617	8-67	36	708	29
13-04-0203	6323106	1273756	2 24 64	62	12,890	473	300	2	16,585	3.6	595	7-67	40	735	30
13-04-0203	6038674	1273756	10 15 62	42	13,260	495	302	3	16,773	3.5	586	3-67	42	755	27
13-04-0204	5519682	1273756	10 25 61	23	13,995	519	299	4	18,020	3.8	690	6-67	44	849	38
13-04-0206	6179144	1273756	9 26 63	9	14,140	549	305	2	17,270	3.6	629	11-67	40	690	26

TABLE 5.—HIGH-RANKING PROGENY OF DHIA SIRE: HOLSTEIN—Continued

COW'S LAST HERD CODE	COW'S REGISTRATION NO.	COW'S SIRE REGISTRATION NO.	COW'S BIRTH DATE (Mo.) (Day) (Yr.)	HERDMATES			AVERAGE PRODUCTION OF COW				LAST CALVING		REPEAT- ABILITY (Pct.)		COW INDEX	
				NUM- BER	MILK (Lb.)	FAT (Lb.)	IN MILK (Days)	REC- ORDS	MILK (Lb.)	FAT (Pct.)	(Mo.) (Yr.)	CAR			MILK	FAT
13-04-0406	5702516	1359085	9 12 62	7	13,676	500	270	3	17,983	3.1	7-67		32		850	13
13-04-0449	5788901	1222994	10 12 62	38	14,506	513	305	3	18,753	3.1	12-66		42		831	20
13-04-0503	5969943	1349520	10 12 63	23	16,090	565	305	2	19,550	3.9	8-67		35		668	19
13-04-0503	5982702	1349520	10 21 63	7	17,560	625	299	2	23,460	3.2	2-68		35		951	11
13-06-0109	5901378	1199324	7 23 63	19	14,030	519	292	2	14,735	3.5	9-67		40		629	17
13-06-0109	5773921	1199324	2 23 63	17	14,640	545	302	3	16,013	4.0	10-67		42		704	28
13-06-0111	6244674	1278644	12 9 64	14	13,360	486	305	1	16,220	3.9	9-67		36		596	18
13-06-0399	6312018	1199324	12 30 64	37	14,300	523	305	1	19,840	3.6	10-67		36		1006	33
13-06-0399	1982044C	275932C	1 9 65	11	14,560	520	305	1	23,970	3.8	5-67		34		911	39
13-06-0399	6457978	1199324	8 27 65	37	14,300	523	305	1	15,120	3.6	10-67		36		654	21
13-06-0492	5822189	1308429	3 22 63	21	15,782	567	300	4	21,480	3.0	12-67		44		895	11
13-06-0492	6343765	275932C	2 4 63	33	15,455	534	305	2	21,905	3.1	12-67		39		783	22
13-06-0492	5951780	1398363	8 16 63	31	15,936	555	304	3	19,423	3.3	11-67		41		611	17
13-06-0503	5754951	1359770	9 23 62	17	15,183	521	305	3	21,270	3.3	2-67		42		858	20
13-06-0503	6794653	1261857	11 28 65	10	16,380	568	305	1	20,560	3.6	11-67		33		664	32
13-06-0503	6794652	1261857	11 2 65	10	16,380	568	305	1	21,870	3.4	11-67		33		767	32
13-08-0012	6319738	1273756	3 26 65	17	14,250	510	305	1	16,860	3.6	11-67		36		589	26
13-08-0051	4364771	1272863	9 19 56	10	13,458	497	302	8	16,618	3.3	3-68		42		697	16
13-08-0052	5898746	1231982	7 10 63	5	14,635	545	305	2	19,925	3.2	12-66		40		768	17
13-08-0146	6451203	1435889	11 8 65	22	15,180	512	303	1	20,390	3.7	12-67		22		691	28
13-08-0146	6366024	1273756	7 9 65	41	13,450	460	305	1	18,760	3.1	8-67		36		784	28
13-08-0146	6128679	1303198	7 29 64	15	14,455	504	299	2	20,655	3.2	12-67		40		879	25
13-09-0005	5892597	1292915	9 7 63	15	15,520	633	305	3	21,120	3.9	3-68		41		722	26
13-09-0007	5921093	1417360	10 9 63	7	16,340	666	305	3	22,833	3.3	10-67		33		1067	18
13-09-0008	6241895	1279868	12 12 64	36	14,310	544	305	1	18,310	4.0	11-67		33		589	26
13-09-0116	5759577	1259069	11 8 62	20	16,117	573	300	4	21,440	3.7	10-67		44		888	32
13-09-0116	5759576	1259069	9 22 62	14	16,592	593	302	4	21,072	3.0	12-67		44		790	10
13-09-0121	6218915	1273756	8 10 64	13	12,660	483	305	1	15,680	3.4	8-67		36		608	22
13-09-0130	6016064	1376554	10 16 62	6	12,653	481	305	3	17,336	3.6	10-67		36		609	21
13-09-0134	6606699	1273756	7 12 64	14	13,890	512	305	2	17,690	3.6	8-67		40		756	30
13-09-0148	6512678	1273756	10 21 65	9	15,780	587	305	1	19,910	3.5	11-67		36		714	27
13-09-0162	5854839	1349319	3 28 63	19	13,470	501	293	3	18,646	3.3	10-67		41		860	19
13-09-0162	5854836	1373421	2 23 63	14	14,076	511	305	3	19,223	3.6	3-68		34		724	27
13-09-0162	5969802	1373421	12 9 63	27	13,570	510	299	2	20,515	3.3	11-67		31		854	23
13-09-0167	6315998	1273756	8 1 64	10	14,370	534	305	1	18,760	3.7	8-67		36		722	31
13-09-0167	6315997	1273756	7 16 64	10	14,370	534	278	1	18,640	3.6	8-67		36		713	29
13-09-0169	6367546	1199324	3 31 65	12	15,420	598	305	1	17,200	3.8	10-67		36		734	24
13-09-0201	5634287	1268604	9 19 60	8	13,566	478	297	6	17,888	3.0	4-68		36		736	9
13-09-0203	6189951	1329588	1 31 64	16	13,065	459	305	2	17,330	3.4	8-67		40		675	19
13-09-0224	5402956	1148993	8 22 61	19	16,227	646	305	4	19,067	3.9	8-67		42		582	23
13-09-0224	5391667	1148993	8 16 61	22	16,282	656	301	5	20,708	3.8	10-67		43		805	29
13-09-0258	5601322	1373421	2 17 62	34	13,595	517	305	4	17,817	3.8	12-67		35		633	25
13-09-0305	6421479	1330987	8 9 65	23	14,990	516	305	1	18,930	3.6	11-67		36		654	31
13-09-0305	6421474	1398216	12 11 64	32	14,970	518	295	2	17,610	3.5	11-67		39		647	18
13-09-0305	6421481	1330987	9 18 65	22	15,190	508	305	1	20,340	3.1	9-67		36		746	28

13-09-0305	6421485	1330987	11 10 64	19	15,135	546	305	2	17,845	3.6	642	3-68	40	589	27
13-09-0305	6421478	1330987	1 13 65	16	15,170	556	305	2	20,535	3.8	775	3-68	40	858	40
13-09-0311	5453863	1197095	10 21 61	17	16,205	627	305	4	23,592	3.7	888	11-67	44	711	28
13-09-0311	5654129	1390587	7 29 62	29	17,516	683	305	3	22,006	3.5	766	12-66	33	792	17
13-09-0311	5533970	1197095	2 7 62	21	18,430	715	305	3	25,700	3.6	926	5-67	42	639	21
13-09-0311	5823005	2605990	3 29 63	27	17,693	680	305	3	22,540	3.5	788	2-68	42	835	16
13-09-0311	5924231	1364243	11 8 63	26	16,915	653	305	2	22,700	3.3	741	12-67	34	805	15
13-09-0324	5904126	1244009	9 20 63	44	15,160	546	297	3	19,223	3.4	650	12-67	42	876	21
13-09-0324	5817891	1259069	3 8 63	39	14,843	584	295	3	18,050	3.9	707	8-67	42	588	19
13-09-0324	6488345	1324688	12 9 65	73	15,830	578	294	1	24,110	3.7	904	11-67	33	725	33
13-09-0324	6488342	1239242	12 14 65	59	15,680	582	305	1	25,160	3.8	944	1-68	36	1030	38
13-09-0324	6488343	1239242	2 8 66	59	15,680	582	305	1	19,360	3.8	744	1-68	36	598	23
13-09-0324	6488346	1298372	12 30 65	63	15,850	592	305	1	22,220	3.6	798	1-68	34	864	26
13-09-0324	6189963	1329588	7 25 64	44	15,625	571	293	2	19,120	3.5	677	1-68	40	623	18
13-09-0324	6197579	1239242	7 14 64	59	15,065	583	305	2	21,025	3.4	705	10-67	40	909	23
13-09-0324	6197580	1239242	8 13 64	24	14,685	571	305	2	19,445	3.8	743	3-68	40	783	28
13-09-0517	6089234	1273756	5 3 64	12	14,975	600	305	2	21,885	3.8	833	12-67	40	1083	42
13-09-0713	6016086	1259069	9 4 63	16	14,640	560	305	1	20,370	3.5	709	12-67	36	661	16
13-09-0737	5474592	1231982	11 21 61	24	12,416	450	305	3	16,520	3.3	553	2-67	42	675	19
13-09-0747	6018248	1318968	10 30 63	15	18,200	661	300	3	24,193	3.2	778	1-68	38	887	13
13-09-0747	5932900	1222994	6 21 63	9	17,426	636	305	3	21,773	3.4	747	8-67	42	877	26
13-09-0805	5413269	1377055	5 19 61	21	12,740	453	286	5	16,794	3.4	570	12-67	36	646	17
13-09-0816	5896752	1397517	7 29 63	14	13,555	501	305	2	19,345	3.9	747	10-67	38	590	30
13-09-0817	5740571	1395482	12 28 62	11	12,390	436	297	3	17,313	3.3	570	2-67	32	694	18
13-09-0817	6262233	1239242	10 3 64	34	13,400	481	301	2	18,105	3.3	593	11-67	40	764	21
13-10-0027	5949457	1279868	9 16 63	24	16,740	646	305	3	21,976	4.0	879	1-68	39	911	40
13-10-0040	5699970	1349319	11 27 62	30	13,010	454	305	2	16,105	3.9	627	9-67	39	580	23
13-10-0040	5308973	1010936	10 26 60	25	13,733	493	301	6	18,693	3.3	618	12-67	44	819	26
13-10-0042	6453877	1273756	11 1 65	13	14,290	505	305	1	17,220	3.5	606	10-67	36	613	26
13-10-0049	6449949	1430145	12 12 64	13	15,885	576	305	2	19,285	3.3	641	12-67	32	735	21
13-10-0049	6463524	1430145	4 15 65	16	16,450	581	305	1	21,160	3.3	694	12-67	26	772	23
13-10-0049	6330796	1430145	11 20 64	16	15,895	569	305	2	20,195	3.3	661	11-67	32	839	24
13-10-0307	6463514	1386406	4 12 64	18	15,070	536	305	2	17,480	4.0	704	12-67	40	614	32
13-10-0315	6235790	1329588	11 24 64	9	15,780	535	298	2	21,050	3.3	688	3-68	40	805	22
13-10-0321	6321101	1279868	10 8 64	17	16,130	607	305	1	20,230	3.5	698	12-67	33	611	19
13-10-0321	5949464	1416707	10 14 63	23	16,280	632	300	2	21,050	3.5	739	10-66	29	702	19
13-10-0321	5949466	1416707	10 29 63	24	16,516	630	293	3	21,163	3.2	682	10-67	33	770	11
13-10-0341	6273125	1329588	1 27 65	16	14,340	481	305	1	21,320	3.0	632	10-67	36	790	18
13-10-0341	6273124	1329588	12 27 64	18	15,020	514	299	2	19,945	3.3	649	11-67	40	762	20
13-10-0341	5724793	1231982	10 24 62	6	14,130	477	302	2	18,270	3.2	578	6-67	40	645	18
13-10-0350	5630214	1231982	6 23 62	19	15,195	556	304	2	18,720	3.8	712	12-66	40	594	24
13-10-0351	6395522	1386406	8 6 64	11	14,370	497	305	2	18,745	3.2	604	10-67	40	808	25
13-11-0104	6408263	1221835	5 24 65	11	15,080	516	305	1	17,740	3.2	571	7-67	36	594	15
13-11-0104	6408256	1437600	5 16 65	30	14,730	519	305	1	21,270	3.4	728	11-67	28	716	18
13-11-0104	5975232	1278644	11 12 63	43	14,945	540	291	2	22,330	3.4	759	1-68	40	1125	29

TABLE 5.—HIGH-RANKING PROGENY OF DHIA SIRE: HOLSTEIN—Continued

COW'S LAST HERD CODE	COW'S REGISTRATION NO.	COW'S SIRE REGISTRATION NO.	COW'S BIRTH DATE (Mo.) (Day) (Yr.)	HERDMATES			AVERAGE PRODUCTION OF COW				LAST CALVING		REPEAT- ABILITY (Pct.)	COW INDEX	
				NUM- BER	MILK (Lb.)	FAT (Lb.)	IN MILK (Days)	REC- ORDS	MILK (Lb.)	FAT (Pct.)	Mo.) (Yr.)	CAR		MILK	FAT
13-11-0107	5427687	1222994	10 20 61	33	15,502	567	305	4	17,705	3.6	11-66		44	621	22
13-11-0118	6506990	1278644	11 9 65	26	13,750	513	305	1	17,850	3.5	9-67		36	692	15
13-11-0118	5649427	1239886	8 9 62	18	14,460	536	305	3	18,836	3.8	10-67		42	670	32
13-11-0132	5671476	1349101	4 13 62	20	14,145	523	305	4	18,137	3.7	7-67		35	861	32
13-11-0132	5439887	1349101	4 17 61	24	13,934	509	302	5	18,596	3.5	9-67		36	972	32
13-11-0132	5439881	1349101	1 16 61	30	14,384	513	287	5	18,438	3.8	11-67		36	889	37
13-11-0132	5925219	1349101	2 1 63	24	14,440	524	302	3	19,386	3.4	11-67		34	958	27
13-11-0203	6454721	1221835	8 15 65	25	16,070	576	305	1	19,390	3.7	11-67		36	651	21
13-11-0204	6401417	1221835	3 30 65	16	14,010	551	305	1	16,830	3.8	10-67		36	598	17
13-11-0245	6309105	1242221	3 29 65	11	13,050	463	305	1	17,880	3.3	2-68		33	1036	33
13-11-0317	5016283	1278570	9 27 59	22	14,810	518	300	6	18,611	3.1	12-67		37	826	16
13-11-0317	5960944	1221835	7 4 63	29	15,250	524	303	2	18,205	3.5	8-67		40	679	22
13-11-0317	5960943	1278644	6 8 63	29	15,120	534	305	3	17,716	3.5	3-68		42	665	16
13-11-0317	6150905	1278570	4 5 63	21	15,115	533	305	2	20,280	3.2	7-67		32	889	20
13-11-0317	6150906	1278570	9 20 63	24	14,993	524	285	3	18,880	3.2	1-68		34	793	17
13-11-0324	5960950	1389471	9 30 63	15	16,395	563	305	2	23,930	3.1	10-67		40	1041	23
13-11-0324	4688110	1278570	11 8 57	9	15,928	554	303	7	22,737	3.1	11-67		37	1281	31
13-11-0331	6134481	1303198	1 10 64	10	12,690	467	305	2	16,330	3.4	11-67		40	601	18
13-11-0337	5981022	260599C	11 18 63	25	17,155	632	303	2	21,610	3.6	1-67	8	40	763	17
13-11-0389	6363465	1239242	10 8 64	19	13,760	513	305	1	19,220	3.7	8-67		36	716	25
13-11-0402	6307450	1312008	11 11 64	25	14,670	523	305	1	22,230	3.3	10-67		36	731	29
13-11-0406	4849666	1060259	9 9 58	17	13,286	484	298	8	16,461	3.2	8-67		44	759	15
13-11-0429	6050546	1239242	2 29 64	37	15,010	528	301	2	18,275	3.5	9-67		40	635	21
13-11-0438	6267401	1278644	9 16 64	17	14,460	546	305	2	17,265	3.7	12-67		40	655	16
13-11-0438	5724943	1221835	8 24 62	22	13,800	514	305	2	19,060	3.3	8-67		40	899	22
13-12-0013	6261677	1412128	2 8 65	20	13,810	554	305	1	21,270	3.4	11-67		35	904	20
13-12-0013	6064608	1273756	2 3 64	32	13,205	502	305	2	16,360	4.1	9-67		40	683	35
13-12-0013	5888432	1273756	2 25 63	22	14,430	547	305	2	20,210	3.7	2-67		40	962	38
13-12-0021	6233714	1273756	1 26 65	24	12,180	436	305	1	14,910	3.2	8-67		36	582	22
13-12-0110	5870772	1231982	10 17 62	19	16,450	630	305	3	20,340	3.5	10-66		42	697	18
13-12-0110	6261677	1412128	2 8 65	20	13,810	554	305	1	21,270	3.4	11-67		35	904	20
13-12-0110	5621671	1349520	7 16 62	17	16,215	613	305	4	21,575	3.7	2-68		39	992	23
13-12-0115	6454437	1406271	11 10 65	32	16,180	584	305	1	20,010	3.5	11-67		35	815	33
13-12-0123	6389427	1406271	9 8 65	26	16,270	582	305	1	18,270	3.4	10-67		35	677	27
13-12-0123	6249467	1259069	3 8 65	19	16,320	589	305	1	22,750	3.5	8-67		36	726	20
13-12-0156	5647854	1259069	9 30 62	7	12,456	453	295	3	16,216	3.7	6-67		42	624	21
13-12-0159	5654321	1318968	11 15 60	6	14,200	527	305	5	21,262	3.1	10-67		40	1070	14
13-12-0218	5804277	1397405	4 10 63	20	14,490	544	299	3	18,490	3.3	11-67		34	762	20
13-12-0218	5804275	1397405	3 23 63	22	14,046	529	293	3	18,050	3.5	10-67		34	757	26
13-12-0218	5782984	1397405	12 31 62	27	14,973	548	305	3	17,923	4.0	9-67		34	631	35
13-12-0218	5782985	1397405	1 3 63	18	14,520	544	305	3	18,246	3.3	12-67		34	726	20
13-12-0246	5929335	1244009	11 25 63	12	14,075	516	305	2	16,640	3.9	3-68		40	670	22
13-12-0301	5729548	1273756	1 20 63	6	14,160	489	305	2	20,095	3.5	3-67		40	975	39
13-12-0337	5746476	1234506	9 23 62	11	14,653	528	296	3	17,863	3.3	7-67		42	780	12
13-13-0015	5872746	1280615	8 12 63	48	15,733	592	297	3	19,853	4.0	9-67		42	623	32
13-13-0015	6016880	1199324	1 8 64	39	16,696	625	305	3	20,680	3.4	11-67		42	1028	28

13-13-0015	6016881	1199324	1	8	64	39	16,696	625	305	3	18,846	4.0	754	11-67	42	818	33
13-13-0015	5462455	1231982	1	1	62	32	15,643	609	305	3	21,396	3.4	717	11-66	42	905	21
13-13-0015	6136923	1417208	9	27	64	46	16,255	601	300	2	19,960	3.4	681	11-67	40	734	23
13-13-0015	6107337	1199324	8	3	64	50	16,320	602	305	2	21,210	4.0	849	10-67	40	1077	44
13-13-0018	6227859	1398363	2	22	63	17	14,845	576	297	2	21,370	3.5	745	1-68	38	872	26
13-13-0061	6425628	1281479	11	11	65	19	13,870	526	305	1	22,290	4.1	925	11-67	35	736	43
13-13-0107	6874510	1308429	10	12	65	15	16,210	607	305	1	22,320	3.7	826	12-67	36	632	17
13-13-0131	6109469	1377803	3	30	64	13	10,590	367	266	2	15,365	3.1	471	2-68	32	852	19
13-14-0003	5820801	1222994	2	4	63	20	15,395	542	302	2	18,320	3.4	625	1-67	40	659	21
13-14-0003	5343044	1010936	3	28	61	32	14,288	526	302	5	18,486	3.5	644	11-67	44	728	25
13-14-0003	5879920	1383021	4	26	63	22	14,666	527	305	3	19,746	3.4	681	2-68	33	822	24
13-14-0142	5564946	1259069	10	15	61	19	14,110	533	304	4	18,450	3.7	681	2-68	44	742	23
13-14-0142	6150624	1303198	4	18	64	16	12,760	466	305	1	17,660	3.4	608	11-67	36	614	20
13-14-0147	6083768	1292880	1	6	64	25	12,170	443	305	2	20,255	3.4	696	11-67	40	731	27
13-14-0147	6226961	1294703	1	2	65	22	12,150	421	305	1	15,990	3.5	556	8-67	35	716	20
13-14-0147	5561936	1199324	11	14	61	19	13,335	495	298	4	15,097	3.5	535	2-67	44	737	21
13-14-0158	4806095	1060259	1	30	59	15	15,121	562	296	6	17,535	3.5	614	5-67	42	1214	39
13-14-0173	4702627	1087974	8	30	58	8	15,200	583	288	5	18,396	3.4	621	7-67	44	773	19
13-14-0173	6201441	1259069	1	4	64	7	17,020	676	289	2	23,030	3.6	836	12-67	40	857	22
13-14-0201	6118732	1377802	4	1	64	10	16,435	675	305	3	18,440	3.7	675	11-67	33	581	20
13-14-0154	6263643	1239242	3	27	65	12	18,540	675	305	1	22,790	3.2	736	12-67	36	661	16
13-14-0158	4806095	1060259	1	30	59	15	15,121	562	296	6	17,535	3.5	614	5-67	44	684	16
13-14-0173	4702627	1087974	8	30	58	8	15,200	583	288	5	18,396	3.4	621	7-67	44	773	19
13-14-0173	6201441	1259069	1	4	64	7	17,020	676	289	2	23,030	3.6	836	12-67	40	857	22
13-14-0201	6118732	1377802	4	1	64	10	16,435	675	305	3	18,440	3.7	675	11-67	33	581	20
13-14-0201	5957390	1377802	11	4	63	23	14,730	576	286	2	17,790	4.0	707	7-67	33	625	27
13-14-0201	5957384	1377802	8	2	63	26	15,576	612	304	3	20,516	3.8	786	10-67	36	916	35
13-14-0201	5728320	1377802	9	5	62	29	15,462	606	304	4	19,892	3.7	745	10-67	37	880	31
13-14-0205	5422047	1349520	2	3	61	19	18,740	724	305	2	23,445	3.4	801	10-67	35	833	8
13-14-0303	5654878	1203045	8	13	62	15	14,360	535	303	3	20,410	3.4	703	5-67	42	682	19
13-14-0303	6270630	1199324	5	5	64	20	14,185	531	305	2	19,970	3.4	672	11-67	40	1146	32
13-14-0416	6323693	1435889	5	3	65	38	14,250	533	305	1	18,880	3.8	708	7-67	22	629	23
13-14-0416	6323691	1435889	3	10	65	38	14,250	533	305	1	19,910	3.5	700	7-67	22	663	19
13-14-0416	5697751	1397406	10	23	62	16	16,876	637	305	3	21,030	3.8	804	3-67	33	794	34
13-14-0416	5731872	1279868	12	25	62	34	16,300	617	297	3	19,093	3.4	655	9-67	39	610	16
13-14-0416	4624036	1279868	4	18	58	26	16,518	634	305	5	24,916	3.6	899	1-68	42	1408	47
13-14-0416	5920649	1397406	7	17	63	13	16,930	632	305	2	23,090	3.7	862	3-67	30	969	39
13-14-0416	5920648	1397406	7	12	63	34	15,413	581	296	3	18,650	3.8	709	7-67	33	653	28
13-14-0416	5920646	1397406	7	3	63	35	15,853	596	305	3	21,520	3.6	781	10-67	34	953	34
13-14-0416	6060845	1279868	2	1	64	30	15,900	610	303	2	19,760	3.4	669	12-67	37	684	17
13-14-0416	6158248	1279868	6	3	64	32	15,155	574	305	2	19,290	4.0	769	7-67	37	705	31
13-14-0513	5649315	1222994	8	24	62	9	14,605	552	305	2	16,870	3.6	609	6-67	40	584	19
14-10-0009	6141960	1273756	9	27	64	6	14,540	602	305	1	18,125	3.7	674	12-67	40	741	26
14-10-0009	6229150	1273756	2	17	65	8	14,730	584	305	2	18,230	3.9	704	10-67	36	659	28
14-10-0133	5719575	1390042	7	10	62	76	15,175	581	305	2	18,530	3.5	647	8-67	33	680	20

TABLE 5.—HIGH-RANKING PROGENY OF DHIA Sires: HOLSTEIN—Continued

COW'S LAST HERD CODE	COW'S REGISTRATION NO.	COW'S SIRE REGISTRATION NO.	COW'S BIRTH DATE (Mo.) (Day) (Yr.)	HERDMATES			AVERAGE PRODUCTION OF COW					LAST CALVING		REPEAT- ABILITY (Pct.)	COW INDEX	
				NUM- BER	MILK (Lb.)	FAT (Lb.)	IN MILK (Days)	REC- ORDS	MILK (Lb.)	FAT (Pct.)	FAT (Lb.)	(Mo.) (Yr.)	CAR		MILK	FAT
14-10-0133	5585268	1390042	4 25 62	74	15,305	589	305	2	19,100	3.9	739	10-67		33	732	30
14-10-0133	5771380	260599C	1 13 63	81	15,225	584	303	2	20,595	3.8	775	9-67		40	807	21
14-10-0133	6025534	260599C	2 14 64	50	15,055	582	305	2	19,695	3.4	670	7-67		40	761	11
14-10-0133	5965345	260599C	10 26 63	71	15,550	595	300	2	19,200	3.8	729	11-67		40	635	15
14-10-0133	5965342	1273690	11 24 63	32	16,000	611	305	2	22,815	3.7	848	3-68		35	796	29
14-10-0133	5888807	1390042	7 1 63	81	15,210	582	296	2	21,135	3.8	793	9-67		33	973	37
14-10-0133	5927986	1418966	7 26 63	57	15,955	610	305	2	23,170	4.2	974	1-68		30	981	51
14-10-0133	5423668	1273756	5 12 61	37	15,380	566	304	4	17,095	3.8	656	7-67		44	581	28
14-10-0133	6395361	1390042	8 22 65	90	14,480	548	305	1	19,230	3.5	679	9-67		28	710	24
14-10-0133	6262607	1390042	2 2 65	81	14,440	543	305	1	20,360	3.5	721	8-67		28	809	28
14-10-0223	1273815	1273756	4 26 64	16	13,000	512	305	2	17,590	3.7	648	12-67		40	827	31
14-10-0223	6284912	1273756	10 18 64	15	13,290	535	305	1	17,780	4.0	719	6-67		36	722	33
14-10-0223	6284913	1273756	6 17 64	15	12,930	509	300	2	15,320	3.3	511	6-67		40	603	18
14-10-0227	6248149	1436308	11 21 64	34	13,440	527	304	2	20,525	3.6	743	10-67		29	1083	35
14-10-0227	6248152	1436308	1 17 65	20	13,605	543	305	2	18,210	4.2	756	2-68		29	777	35
14-10-0227	6438306	1436308	1 18 66	33	13,590	529	305	1	19,680	3.7	722	11-67		23	797	27
14-10-0227	5737620	1313490	12 10 62	20	13,800	536	303	4	16,945	3.9	664	3-68		43	595	20
14-10-0227	6137181	1436308	9 8 64	31	13,140	526	295	2	17,240	3.9	679	11-67		29	718	27
14-10-0230	5890756	1273756	6 11 63	55	14,240	547	298	3	16,826	3.8	642	7-67		42	660	28
14-10-0231	5460231	1240125	12 25 61	16	16,033	621	301	3	19,713	3.7	729	3-68		42	741	23
14-10-0235	5618029	1199324	1 22 62	38	15,317	596	303	4	20,892	3.6	758	10-67		44	1232	38
14-10-0235	5618028	1199324	1 7 62	31	15,865	609	300	4	17,842	3.9	700	2-67		44	794	29
14-10-0246	6459085	1312008	9 13 65	26	17,670	672	305	1	23,720	3.2	760	9-67		36	641	22
14-10-0246	5961659	1240125	8 3 63	12	16,750	628	305	3	19,483	3.8	744	7-67		42	640	24
14-10-0309	5470870	1231982	12 5 61	19	13,836	538	303	3	17,786	3.6	640	2-67		42	674	20
14-10-0315	5901314	1273756	6 24 63	21	15,543	630	305	3	18,543	3.8	706	9-67		42	722	27
14-10-0325	5985678	1231982	2 15 63	46	13,615	527	305	2	18,795	3.6	668	9-66		40	746	22
14-10-0325	6548212	1398363	9 30 64	44	13,230	508	305	1	19,860	3.8	761	9-67		34	698	28
14-10-0325	5705261	1329574	5 14 62	50	13,260	506	293	4	17,177	3.7	639	10-67		37	670	23
14-10-0344	6265493	1280615	6 9 63	22	14,473	552	303	3	18,830	4.2	794	1-68		42	636	36
14-10-0348	6693737	1273756	1 21 64	14	12,740	478	305	2	16,025	4.1	655	10-67		40	692	35
14-10-0349	5868682	1240125	8 9 63	17	12,950	469	305	2	16,280	3.3	539	8-67		40	631	16
14-10-0349	5943712	1231982	12 1 63	13	12,260	444	305	2	17,070	3.6	617	6-67		40	695	24
14-10-0412	5719135	1239886	9 6 62	9	15,353	553	304	3	18,970	3.7	703	8-67		42	593	28
14-11-0132	5840501	1273756	3 11 63	19	14,223	515	297	3	16,820	3.7	622	6-67		42	661	29
14-11-0150	5898609	1199324	7 29 63	10	16,960	620	305	2	18,555	4.1	766	3-67		40	749	33
14-11-0150	6098451	1199324	1 6 64	9	16,895	615	305	2	20,435	3.6	729	5-67		40	757	30
14-11-0150	6176226	1199324	8 9 64	12	15,790	595	305	2	20,435	3.6	736	10-67		40	1046	33
14-11-0154	5873314	1330987	8 30 63	24	15,636	590	293	3	17,893	3.4	605	7-67		42	602	20
14-11-0159	5809771	1273756	3 24 63	20	15,953	586	304	3	18,390	3.5	637	6-67		42	662	24
14-11-0159	6375789	1273756	7 16 65	14	17,280	617	305	1	22,700	3.6	807	12-67		36	821	34
14-11-0159	5153217	1290716	9 8 60	17	16,407	604	305	4	20,400	4.3	883	2-68		43	715	56
14-11-0201	6233396	1375967	10 3 64	15	15,420	604	286	2	19,080	3.6	688	11-67		39	766	12
14-11-0204	5859759	1273756	5 25 63	10	15,776	634	305	3	17,970	3.9	694	6-67		42	633	25
14-11-0204	5789089	1273756	1 16 63	12	15,383	605	305	3	18,016	3.8	684	10-67		42	678	27

14-11-0226	6193659	1280615	7 27 64	21	16,130	607	301	2	20,850	3.2	665	9-67	40	634	15
14-11-0237	5926712	1273756	5 25 63	9	14,320	539	305	3	17,646	3.5	610	10-67	42	766	26
14-11-0239	5926214	1273756	5 7 63	16	15,053	558	303	3	17,793	3.5	616	9-67	42	687	24
14-11-0308	6095018	1273756	5 21 64	20	14,390	515	299	2	16,455	3.3	535	8-67	40	585	20
14-11-0308	6548377	1375967	10 9 65	31	15,700	557	305	1	20,610	3.3	690	10-67	35	784	13
14-11-0310	5738078	1273756	1 26 63	9	14,490	556	274	3	17,240	3.5	602	12-67	42	682	23
14-11-0320	6278628	1412128	3 18 65	8	14,680	543	305	2	19,185	3.2	623	2-68	40	756	14
14-11-0324	5984983	1199324	7 13 63	21	13,940	553	294	2	17,665	4.0	704	7-67	40	934	33
14-12-0009	5926592	1283917	12 3 63	19	13,770	533	305	2	18,970	3.7	708	9-67	40	842	18
14-12-0013	5204050	1290716	11 22 60	7	12,927	500	305	4	16,950	3.5	591	6-67	43	675	32
14-12-0062	6375621	1199324	11 16 63	13	17,463	618	305	3	22,953	3.4	776	11-67	42	1210	37
14-12-0062	6382885	1273756	11 14 63	8	16,950	596	305	2	20,000	3.8	750	5-67	40	711	34
14-12-0101	6424606	1273756	11 11 64	50	13,965	529	299	2	17,030	3.6	606	12-67	40	682	26
14-12-0101	6424607	1273756	2 15 65	62	12,850	488	279	1	15,940	3.4	549	10-67	36	614	23
14-12-0101	6074999	1273756	7 28 63	59	13,086	496	291	3	16,306	3.5	571	10-67	42	720	26
14-12-0101	6050981	1231982	4 10 63	65	13,425	508	305	2	18,200	3.7	666	10-66	40	703	24
14-12-0101	5793962	1273756	11 15 62	63	12,316	468	305	3	14,790	3.7	544	8-67	42	625	25
14-12-0101	5667954	1273756	8 12 62	62	12,700	478	302	3	15,073	3.8	577	9-67	42	618	28
14-12-0105	6014840	1375967	4 29 63	5	14,603	561	288	3	18,216	3.3	600	2-68	42	750	6
14-12-0105	6373518	1273756	7 2 64	5	15,800	591	305	1	18,480	4.1	758	4-67	36	606	32
14-12-0116	5598429	1273756	6 24 62	13	14,340	580	305	3	16,653	4.3	709	4-67	42	630	33
14-12-0122	5890795	1344641	9 27 63	9	15,870	616	305	3	25,570	3.5	893	9-67	33	1382	42
14-12-0201	5689769	1273756	11 2 62	118	12,545	478	303	2	15,750	4.3	673	8-67	40	682	37
14-12-0201	5733865	1231982	9 18 62	71	13,525	520	305	2	19,415	3.4	651	12-66	40	818	21
14-12-0201	6431710	1348259	9 21 65	134	12,160	473	305	1	16,450	3.5	573	8-67	36	672	22
14-12-0201	6431709	1348259	8 8 65	52	13,700	542	301	1	19,020	4.0	761	2-68	36	737	31
14-12-0207	5458375	1231982	12 7 61	19	14,303	589	304	3	18,960	4.6	865	3-67	42	761	41
14-12-0207	5815994	1231982	3 12 63	33	14,665	606	305	2	18,190	3.7	674	11-66	40	588	16
14-12-0207	5646324	1231982	1 13 62	19	14,223	597	303	3	18,253	4.5	821	3-67	42	687	35
14-12-0350	5540905	1273756	2 8 62	11	15,647	612	305	4	20,387	3.9	795	11-67	44	958	40
14-12-0350	6041584	1273756	6 26 63	11	16,050	609	295	3	18,130	3.8	687	12-67	42	623	27
14-12-0356	6378683	1273756	8 28 65	11	16,410	654	305	1	20,100	4.2	842	12-67	36	685	34
14-12-0359	5957282	1061611	10 12 63	25	14,945	574	305	2	21,385	3.7	797	8-67	33	870	29
14-12-0359	5837906	1387978	2 20 63	26	14,930	575	305	2	21,305	4.1	865	11-67	30	838	39
14-12-0359	5299962	1154946	1 23 61	39	15,275	582	305	2	22,360	5.0	1112	1-68	40	941	58
14-12-0359	6162833	1414231	2 10 63	15	16,830	645	305	3	23,250	3.2	752	6-67	34	972	17
14-12-0402	5553928	1273756	11 4 61	12	14,922	610	305	4	17,065	4.0	690	7-67	44	628	28
14-12-0402	6021885	1308429	10 14 63	5	15,256	623	305	3	21,546	3.8	809	12-67	42	911	23
14-13-0033	5948285	1273756	10 9 63	9	14,883	563	305	3	16,883	3.5	591	6-67	42	600	21
14-13-0033	5505387	1231982	1 21 62	11	15,850	622	295	4	20,000	3.2	649	2-67	43	751	12
14-13-0033	5772220	1273756	1 30 63	8	15,300	616	305	2	19,795	3.9	773	3-67	40	841	35
14-13-0035	6226427	1273756	12 10 64	9	14,335	541	293	2	18,725	3.4	638	12-67	40	820	28
14-13-0035	5640929	1199324	8 17 62	9	14,480	530	305	3	18,186	3.8	686	2-67	42	971	35
14-13-0040	6018578	1308429	10 26 63	19	13,960	555	305	3	18,730	3.7	689	2-68	42	694	16
14-13-0040	6018576	1273756	10 2 63	28	13,275	528	305	2	15,830	4.4	700	7-67	40	623	35

TABLE 5.—HIGH-RANKING PROGENY OF DHIA SIRE: HOLSTEIN—Continued

COW'S LAST HERD CODE	COW'S REGISTRATION NO.	COW'S SIRE REGISTRATION NO.	COW'S BIRTH DATE (Mo.) (Day) (Yr.)	HERDMATES			AVERAGE PRODUCTION OF COW				LAST CALVING		REPEAT- ABILITY (Per.)	COW INDEX	
				NUM- BER	MILK (Lb.)	FAT (Lb.)	IN MILK (Days)	REC- ORDS	MILK (Lb.)	FAT (Pct.)	(Mo.) (Yr.)	CAR		MILK	FAT
14-13-0040	6018575	1273756	8 27 63	23	13,540	528	305	2	20,010	3.9	773	3-67	40	1023	43
14-13-0040	5970542	1273756	12 9 63	29	13,525	540	305	2	16,840	3.8	636	6-67	40	703	28
14-13-0040	6346647	1273756	2 9 65	35	13,350	545	305	1	16,440	3.5	571	6-67	36	618	21
14-13-0040	6346642	1273756	2 14 64	34	12,780	514	305	2	17,810	4.0	707	7-67	40	870	37
14-13-0040	6346648	1273756	3 26 65	29	13,850	558	305	1	19,710	3.4	667	5-67	36	828	27
14-13-0040	6292204	1273756	11 10 64	29	13,850	558	305	1	17,580	4.0	711	5-67	36	669	31
14-13-0040	6292203	1273756	11 3 64	33	12,850	521	305	1	17,440	4.0	699	7-67	36	726	32
14-13-0043	6032741	1273756	10 29 62	13	12,096	457	305	3	15,476	3.5	549	7-67	42	727	27
14-14-0010	5714627	1231982	11 8 62	24	16,030	603	303	3	20,646	3.5	727	12-66	42	777	23
14-14-0010	6159612	1273756	8 31 64	27	16,330	606	305	2	18,420	3.5	652	10-67	40	607	23
14-14-0025	6297008	1273756	3 21 65	34	15,310	568	305	1	19,490	3.3	652	12-67	36	714	26
14-14-0025	6297006	1273756	3 8 65	25	13,460	489	305	1	17,570	3.9	694	6-67	36	695	34
14-14-0025	6351484	1273756	8 10 65	25	15,660	576	305	1	21,370	3.7	781	1-68	36	830	35
14-14-0033	6138849	1283917	9 19 64	69	14,235	530	298	2	18,675	3.0	568	11-67	40	770	5
14-14-0035	6338406	1273756	7 26 65	25	17,500	648	305	1	20,240	4.1	837	11-67	36	623	34
14-14-0035	6338405	1273756	6 25 65	28	17,790	660	305	1	24,860	4.0	988	10-67	36	948	45
14-14-0035	6338401	1280615	6 25 65	32	16,970	624	302	1	22,980	3.6	817	9-67	36	611	24
14-14-0035	6308384	1308429	3 21 65	30	17,400	640	305	1	23,970	4.0	951	8-67	36	701	25
14-14-0035	5775959	1273756	2 20 63	19	17,890	657	298	3	20,773	3.8	779	7-67	42	736	33
14-14-0035	6052240	1273756	1 15 64	20	17,160	630	305	2	22,130	3.4	762	11-67	40	908	32
14-14-0035	5948713	1280615	11 16 63	33	17,160	633	305	2	21,915	3.8	836	11-67	40	648	30
14-14-0035	5415755	1273756	9 8 61	26	17,978	652	300	5	20,190	3.9	797	12-67	44	684	37
14-14-0035	4990058	1308429	10 19 59	27	16,715	622	298	6	22,798	3.5	807	10-67	44	987	26
14-14-0035	6401884	1280615	11 10 65	16	18,390	700	305	1	25,910	4.1	1052	4-68	36	734	37
14-14-0039	5142664	1301172	7 13 60	32	13,336	501	302	5	17,284	3.8	653	6-67	44	589	26
14-14-0039	5314233	1273756	3 21 61	38	13,866	509	303	5	17,622	3.7	659	8-67	44	830	36
14-14-0041	6395431	1412128	9 22 65	23	14,390	540	301	1	17,610	3.7	658	10-67	35	588	16
14-14-0041	5728549	1273756	1 1 63	19	15,853	612	301	3	17,606	3.8	673	4-67	42	583	25
14-14-0041	6304537	1273756	12 25 64	20	14,470	539	305	2	17,245	4.0	687	11-67	40	658	33
14-14-0041	6127944	1273756	10 9 64	17	14,310	553	297	2	17,725	3.8	676	9-67	40	721	30
14-14-0041	6126935	1273756	3 21 64	16	14,385	549	294	2	17,340	3.2	551	11-67	40	675	18
14-14-0048	6129837	1309948	10 2 63	16	17,026	577	281	3	19,736	3.8	750	10-67	41	632	29
14-14-0048	6292052	1273756	5 25 64	21	16,315	570	305	2	20,975	3.6	748	9-67	40	868	36
14-14-0048	5898820	1309948	3 1 63	18	17,183	591	304	3	20,903	3.4	721	3-68	41	753	24
14-14-0075	6079139	1231982	7 28 63	8	14,065	538	301	2	17,720	3.7	656	11-66	40	595	20
14-14-0075	5795414	1377803	1 24 63	6	14,166	527	297	3	16,853	3.7	626	4-68	35	679	22
14-14-0081	6224362	1273756	3 9 64	39	13,685	528	305	2	18,285	3.7	675	8-67	40	835	33
14-14-0081	6050870	1273756	12 29 63	37	13,535	520	302	2	15,675	3.8	600	7-67	40	584	26
14-14-0081	6235125	1273756	10 31 64	34	14,260	552	294	2	16,405	4.0	663	10-67	40	592	29
14-14-0102	6290872	1393031	11 6 64	28	17,345	673	305	2	23,025	3.6	827	12-67	33	987	20
14-14-0102	5913429	1231982	9 21 62	33	17,660	665	305	3	23,330	3.1	713	5-67	42	919	15
14-14-0102	5889476	1393031	12 5 62	25	16,556	621	305	3	21,170	3.9	709	7-67	36	934	15
14-14-0102	5430671	1203045	1 6 61	30	17,666	665	305	5	24,240	3.3	936	11-67	44	879	37
14-14-0128	6388935	1273756	1 28 64	32	15,320	548	305	2	20,535	3.5	711	10-67	40	914	35
14-14-0128	6062234	1273756	4 20 64	34	15,300	546	305	2	17,895	3.5	621	9-67	40	648	26

14-14-0128	5987416	1308429	12 14 63	28	15,646	570	291	3	20,813	3.6	742	12-67	42	786	21
14-14-0128	6343089	1273756	6 15 65	32	15,000	529	294	1	21,600	3.3	703	7-67	36	892	32
14-14-0128	6205362	1273756	2 5 64	36	15,335	546	300	2	17,910	3.7	660	9-67	40	646	30
14-14-0128	6099866	1273756	2 1 64	25	15,350	561	301	3	17,256	3.7	646	12-67	42	594	27
14-14-0128	5532563	1273756	12 14 61	17	15,046	545	300	3	18,846	3.4	646	5-67	42	809	29
14-14-0128	6576365	1273756	3 26 65	37	14,980	525	305	1	21,550	3.3	717	8-67	36	889	33
14-14-0146	6248847	1273756	1 28 65	7	18,840	673	305	1	23,670	3.2	751	5-67	36	788	26
14-14-0146	5984611	1393031	7 4 63	19	17,986	677	305	3	22,500	3.1	707	10-67	36	925	7
14-14-0152	6009340	1273756	4 29 62	6	13,983	517	300	3	17,153	3.7	638	10-67	42	724	31
14-14-0155	5632563	1273756	8 31 62	9	15,206	532	267	3	19,650	3.4	669	2-67	42	885	33
14-14-0155	6079997	1273756	5 31 64	9	14,475	514	305	2	16,500	3.5	582	7-67	40	582	24
14-14-0155	6131905	1273756	8 30 64	6	14,335	553	305	2	17,065	3.4	579	11-67	40	652	21
14-14-0155	5428803	1199324	11 22 61	8	14,480	547	245	3	15,573	3.4	537	10-67	42	670	17
14-14-0172	6512728	1273756	6 13 64	9	13,330	480	291	2	15,730	3.6	561	7-67	40	608	25
14-14-0174	6215970	1308429	11 11 64	9	15,190	538	295	2	19,365	3.6	694	1-68	40	587	16
14-14-0174	5501028	1273756	7 31 61	14	16,587	651	305	4	18,385	4.0	729	5-67	44	606	28
14-14-0174	5889479	1273756	12 22 62	6	16,500	657	305	3	21,456	3.6	778	3-67	42	958	33
14-14-0205	6077470	1389471	12 9 63	17	12,970	472	304	2	18,235	3.6	649	5-67	40	775	21
14-14-0205	6027128	1273756	9 24 63	15	13,460	501	305	2	16,030	3.4	547	5-67	40	627	22
14-14-0210	5909630	1199324	7 30 63	10	11,755	402	305	2	17,530	3.2	558	7-67	40	1120	32
14-14-0210	5909632	1199324	10 4 63	5	11,990	434	305	2	16,855	3.2	531	5-67	40	1030	27
14-14-0239	6261776	1273756	1 12 63	7	12,460	461	284	2	14,865	3.4	506	4-67	40	600	22
14-14-0240	6070427	1273756	11 6 64	10	14,230	535	305	1	17,650	3.7	653	7-67	36	649	28
14-14-0240	5982720	1273756	10 5 63	9	13,835	514	302	2	17,650	3.7	651	7-67	40	757	31
14-14-0240	5982722	1273756	10 27 63	9	13,835	514	288	2	16,580	3.9	640	7-67	40	648	30
14-14-0250	6382022	1273756	6 8 65	26	14,970	584	305	1	18,260	4.0	724	8-67	36	645	30
14-14-0250	5470056	1273756	11 24 61	24	14,450	557	305	4	16,757	4.0	665	7-67	44	642	31
14-14-0250	6447307	1273756	12 16 65	22	14,810	568	305	1	17,790	3.6	649	12-67	36	621	25
14-14-0257	6271565	1273756	11 27 64	6	15,975	612	299	2	18,410	3.7	674	11-67	40	638	25
14-14-0257	5932457	1231982	5 6 63	9	14,403	508	300	3	19,520	3.6	710	3-67	42	816	31
14-14-0260	5716082	1393031	8 23 62	13	14,746	505	305	3	19,686	3.3	653	8-67	36	938	20
14-14-0271	5910049	1392774	3 10 63	34	12,500	420	292	3	17,436	3.2	566	12-67	42	706	23
14-14-0271	5952639	1273756	3 5 63	26	12,030	407	305	2	16,250	3.3	536	5-67	40	780	30
14-14-0275	5979270	1199324	6 5 63	12	15,240	526	305	2	17,275	3.7	634	11-67	40	776	29
14-14-0520	6223239	1273756	9 2 64	20	14,345	545	305	2	16,455	3.5	580	8-67	40	589	21
14-14-0568	6397070	1221835	5 15 65	5	12,350	403	305	1	15,690	3.4	530	12-67	36	625	19
14-15-0122	6091482	1419352	5 12 64	19	15,170	564	304	2	18,770	3.6	671	10-67	28	603	18
14-15-0122	6091483	1419352	6 2 64	9	13,620	453	305	1	20,330	3.2	646	6-67	22	752	22
14-15-0122	6013119	1419352	12 4 63	11	15,755	583	303	2	25,050	3.2	809	12-67	28	1302	33
14-15-0123	6153214	1420458	7 11 64	25	16,125	597	170	2	22,375	3.3	740	11-67	30	809	19
14-15-0123	5455335	1199324	11 22 61	13	15,230	565	305	4	17,922	4.1	738	7-67	44	875	39
14-15-0123	5588311	1199324	5 9 61	15	14,310	519	305	3	18,553	3.2	602	5-67	42	1031	27
14-15-0123	6258215	1424134	3 9 65	16	17,850	665	305	2	23,325	3.3	763	3-68	28	819	18
14-15-0133	5841564	1273756	9 23 62	11	13,280	485	302	3	15,656	3.5	546	11-67	42	625	24
14-15-0136	5716088	1203045	1 6 62	10	17,020	568	305	3	23,040	3.5	812	3-67	42	709	28

B

TABLE 5.—HIGH-RANKING PROGENY OF DHIA SIRE: HOLSTEIN—Continued

COW'S LAST HERD CODE	COW'S REGISTRATION NO.	COW'S SIRE REGISTRATION NO.	COW'S BIRTH DATE (Mo.) (Day) (Yr.)	HERDMATES			AVERAGE PRODUCTION OF COW					LAST CALVING		REPEAT- ABILITY (Pct.)	COW INDEX	
				NUM- BER	MILK (Lb.)	FAT (Lb.)	IN MILK (Days)	REC- ORDS	MILK (Lb.)	FAT (Pct.)	FAT (Lb.)	(Mo.) (Yr.)	CAR		MILK	FAT
14-15-0136	5520749	1273756	12 9 61	18	16,552	613	245	4	19,227	3.1	602	10-67	B	44	714	16
14-15-0136	6366176	1308429	2 12 65	39	15,260	570	305	1	22,470	3.8	851	8-67		36	733	22
14-15-0136	6093283	1412128	4 4 64	40	15,525	580	299	2	20,855	3.2	671	11-67		40	883	17
14-15-0136	5984982	1199324	7 13 63	29	14,985	571	304	2	18,390	3.9	717	10-67		40	912	33
14-15-0201	5900205	1392774	2 7 63	33	16,953	631	305	3	21,710	3.3	716	8-67		42	737	18
14-15-0203	5953052	1273756	8 23 63	38	13,920	517	301	2	17,110	3.3	566	5-67		40	694	23
14-15-0203	6144685	1273756	5 7 64	35	13,965	533	301	2	17,050	3.6	614	7-67		40	684	26
14-15-0203	5799635	1280615	5 3 63	45	13,656	522	303	3	19,376	3.5	678	9-67		42	783	26
14-15-0203	5749088	1273756	10 20 62	34	13,930	529	296	2	16,200	3.6	591	7-67		40	601	24
14-15-0203	5749089	1273756	12 2 62	39	13,536	513	287	3	15,606	3.9	610	6-67		42	592	28
14-15-0203	6397258	1273756	7 25 65	29	14,570	560	305	1	20,390	4.1	834	11-67		36	830	40
14-15-0203	6397255	1273756	6 20 65	29	14,570	560	274	1	17,280	3.6	629	11-67		36	599	24
14-15-0402	5731570	1273756	12 12 62	16	16,013	601	300	3	19,086	3.7	705	10-67		42	736	30
14-15-0402	5530056	1273756	3 4 62	13	15,642	598	305	4	18,122	3.7	668	9-67		44	678	26
14-15-0402	5927514	1273756	9 25 63	12	16,060	608	292	3	21,200	3.8	809	9-67		42	975	41
14-16-0001	6235240	1273756	10 31 64	20	14,500	534	305	1	18,250	3.8	687	8-67		36	676	31
14-16-0021	6327590	1273756	3 15 65	20	11,810	440	305	1	15,130	3.4	517	5-67		36	624	24
14-16-0103	5408285	1273756	6 10 61	16	13,485	510	302	4	17,437	3.8	663	5-67		44	833	36
14-16-0103	5124027	1290716	3 1 60	20	12,800	469	294	5	16,694	4.1	681	12-67		44	678	47
14-16-0117	6768735	1273756	3 12 65	8	12,240	434	305	1	15,800	3.3	529	10-67		36	645	25
14-16-0126	6105308	1231982	4 12 63	15	14,015	521	305	2	18,130	3.3	606	10-66		40	642	16
14-16-0127	5613626	1273756	4 11 62	6	11,540	431	305	3	14,816	3.3	484	2-67		42	708	22
14-16-0130	6600028	1273756	1 6 66	7	15,980	596	298	1	20,640	3.4	697	11-67		36	755	27
14-16-0130	6170151	1273756	7 2 64	12	15,615	591	291	2	17,875	3.8	674	8-67		40	617	27
14-16-0130	5916553	1231982	8 30 63	7	14,833	554	288	3	18,310	3.8	699	6-67		42	630	25
14-16-0201	5554844	1377803	1 20 62	56	15,117	557	305	4	17,950	3.8	681	1-68		37	731	26
14-16-0201	5641090	1231982	2 26 62	31	14,953	538	305	3	19,516	3.4	673	11-66		42	758	24
14-16-0201	5846375	1377803	6 3 63	39	14,826	547	287	3	19,400	3.3	648	12-67		35	933	22
14-17-0004	5781928	1231982	11 4 62	8	15,810	597	305	3	18,760	3.5	649	6-67		42	580	15
14-17-0004	6041435	1272863	9 1 63	5	16,860	622	299	3	20,656	3.4	699	1-68		39	780	19
14-18-0107	6371123	1308429	7 22 65	17	14,630	563	305	1	22,740	3.3	741	12-67		36	795	14
14-19-0007	6331088	1273756	3 13 65	8	14,900	557	305	1	17,600	3.8	660	10-67		36	600	27
14-19-0007	6331089	1301172	6 20 65	9	13,970	519	305	1	20,550	3.4	702	8-67		35	590	21
14-19-0014	6376902	1273756	8 5 65	38	16,640	634	305	1	19,400	3.8	741	5-67		36	618	28
14-19-0014	6375732	1273756	9 13 65	14	15,800	584	305	1	18,930	3.7	703	9-67		36	639	28
14-19-0014	6240570	1273756	2 12 65	38	16,640	634	305	1	18,890	3.6	688	5-67		36	580	24
14-19-0014	5974611	1273756	11 11 63	32	16,130	611	301	2	20,455	3.8	785	4-67		40	832	36
14-19-0014	5934378	1273756	2 11 63	31	15,203	567	305	3	19,400	3.6	690	3-67		42	856	32
14-19-0014	5865987	1273756	11 28 62	17	16,275	598	305	2	18,235	3.8	702	10-67		40	593	29
14-19-0014	5616357	1273756	1 23 62	26	14,160	522	298	4	16,750	4.0	676	6-67		44	674	36
14-19-0014	6722070	1273756	11 11 65	14	15,800	584	305	1	18,640	3.5	644	9-67		36	618	24
14-19-0015	5657930	1344642	2 19 62	10	18,862	715	305	4	22,552	3.7	834	10-67		37	667	21
14-19-0015	5686192	1344642	2 25 62	8	20,086	727	305	3	26,966	3.5	947	8-67		35	1062	34
14-19-0015	6367821	1248176	4 4 65	15	19,290	690	305	1	25,540	4.1	1038	6-67		26	766	43
14-19-0035	5954890	1273756	2 7 63	14	15,770	535	283	3	19,110	4.1	764	11-67		42	764	46

14-19-0035	5990384	1273756	10 16 62	11	14,146	499	304	3	17,130	3-4	585	7-67	42	705	27
14-19-0037	5900820	1375967	11 8 62	17	13,755	493	304	4	17,380	3-5	604	3-68	43	763	14
14-19-0037	5963666	1290961	9 6 60	14	14,152	510	305	5	17,784	3-7	650	4-68	36	705	26
14-19-0041	5963829	1273756	8 21 63	7	15,056	544	305	3	19,036	3-6	686	1-68	42	830	34
14-19-0127	5753188	1273756	12 11 62	6	12,233	429	249	3	14,776	3-6	530	5-67	42	632	28
												B			
14-19-0148	5559327	1375967	1 6 62	8	15,360	640	305	4	25,290	4-3	1095	7-67	42	1622	61
14-19-0149	5778153	1199324	4 19 61	18	14,873	536	300	3	17,523	3-7	646	4-67	42	854	30
14-20-0002	6404827	1279868	8 19 64	13	16,550	645	305	2	19,965	4-0	789	1-68	37	643	21
14-20-0002	6183799	1308429	10 27 64	14	16,635	653	305	2	22,515	3-8	846	3-68	40	774	27
15-11-0111	5648192	1384606	9 13 62	16	15,566	547	305	3	20,463	3-1	633	6-67	34	778	16
15-11-0111	6066934	260599C	4 9 63	17	16,330	579	305	3	21,413	3-4	728	3-68	42	859	19
15-11-0134	6389071	1273756	7 12 65	13	14,920	569	305	1	18,710	3-9	738	11-67	36	682	32
15-12-0126	6161965	1273756	10 18 64	14	12,480	448	305	1	15,830	3-8	595	4-67	36	631	29
15-13-0113	6149918	1231982	9 3 64	103	12,790	501	305	1	20,410	3-5	707	5-67	35	800	23
15-13-0113	6160834	1231982	11 3 64	96	12,740	500	305	1	18,280	3-7	684	7-67	35	643	22
15-13-0113	5240540	1290716	11 6 60	91	12,114	464	300	5	16,254	3-9	639	9-67	44	701	42
15-13-0113	5305538	1308429	2 2 61	109	12,538	484	305	5	18,664	3-8	716	1-68	44	912	30
15-13-0113	4967728	1308429	10 10 59	97	11,980	461	295	5	16,504	3-7	603	7-67	44	725	18
15-13-0113	5398431	1199324	5 16 61	125	12,430	482	277	4	14,152	4-0	565	5-67	44	721	27
15-13-0113	5740453	1273756	1 1 63	92	12,926	496	293	3	15,490	3-8	589	12-67	42	642	28
15-13-0116	4935942	1308815	4 25 59	25	11,760	418	305	2	17,195	3-3	576	8-67	30	693	20
15-13-0121	6105774	1408640	7 19 64	8	17,415	659	305	2	20,995	3-5	738	1-68	30	661	21
15-13-0121	6227956	1408640	2 8 65	10	12,870	478	305	1	21,750	3-7	808	8-67	23	1078	43
15-13-0121	6038040	1408640	1 26 64	14	13,615	508	304	2	16,545	3-8	624	7-67	29	615	26
15-13-0121	6038041	1408640	3 1 64	11	13,675	508	305	2	20,355	3-9	790	8-67	29	1069	46
15-13-0124	6028034	1273756	12 26 63	6	12,890	476	305	2	15,975	3-8	612	8-67	40	673	31
15-13-0124	6388428	1273756	9 25 65	5	14,530	527	305	1	17,610	3-6	637	10-67	36	626	27
15-14-0116	6599730	1329588	11 2 64	9	13,070	493	305	1	19,010	3-5	670	6-67	36	642	20
15-14-0116	6586891	1442073	9 2 65	24	14,490	519	297	1	21,400	3-3	715	12-67	22	755	19
15-14-0122	5972908	1273756	7 1 63	14	14,220	523	305	2	17,415	3-7	638	5-67	40	698	29
15-14-0143	5869229	1359785	12 5 62	16	18,542	688	300	4	22,512	3-5	787	12-67	33	744	20
15-14-0143	6240744	1329588	2 9 64	21	19,065	689	305	2	23,900	3-3	796	1-68	40	794	19
16-02-0039	6443071	1273756	2 8 64	8	16,210	579	197	2	19,620	3-3	648	6-67	40	740	25
16-02-0218	6483129	1308429	11 23 65	9	15,530	537	305	1	22,220	3-4	760	2-68	36	670	17
16-02-0218	6671394	1278644	2 3 65	15	13,150	467	293	1	18,960	3-6	678	10-67	36	815	22
16-04-0002	5778975	1402186	1 1 63	70	17,640	660	305	3	23,446	3-9	925	12-67	33	984	47
16-04-0002	5807490	1301172	5 6 63	60	17,716	660	305	3	22,616	3-8	853	12-67	42	700	31
16-04-0002	5807492	1273756	5 7 63	46	16,743	621	305	3	21,433	3-6	764	8-67	42	931	35
16-04-0002	5514119	1301172	2 5 62	52	17,742	661	305	4	21,692	3-5	761	9-67	43	622	21
16-04-0002	5541550	1325017	3 4 62	45	16,860	637	305	4	21,165	3-4	728	9-67	35	929	20
16-04-0002	5541552	1325017	3 9 62	57	16,632	632	305	4	22,895	3-1	708	3-68	35	1202	18
16-04-0002	5700586	1398408	11 10 62	58	17,146	649	305	3	24,626	3-8	940	11-67	34	1251	46
16-04-0002	5700593	1402186	12 25 62	64	17,560	660	305	3	21,076	3-5	746	10-67	33	676	23
16-04-0002	5630360	1398408	8 28 62	69	17,510	649	283	4	20,512	3-8	770	1-68	35	693	25
16-04-0002	6421837	1398408	8 5 65	70	17,130	641	305	1	23,050	3-4	784	2-68	26	793	19

TABLE 5.—HIGH-RANKING PROGENY OF DHIA SIRE: HOLSTEIN—Continued

COW'S LAST HERD CODE	COW'S REGISTRATION NO.	COW'S SIRE REGISTRATION NO.	BIRTH DATE (Mo., Day) (Yr.)	HERDMATES			AVERAGE PRODUCTION OF COW				LAST CALVING		REPEAT- ABILITY (Pct.)	COW INDEX	
				NUM- BER	MILK (Lb.)	FAT (Lb.)	IN MILK (Days)	REC- ORDS	MILK (Lb.)	FAT (Pct.)	(Mo.) (Yr.)	CAR		MILK	FAT
16-04-0002	5279147	1325017	1 5 61	60	16,836	628	304	5	21,310	3.5	741	3-68	36	974	24
16-04-0002	5247375	1273756	4 19 60	73	17,062	628	305	5	20,174	4.0	815	3-67	44	789	42
16-04-0002	5224198	1273756	3 1 60	62	16,860	620	305	5	24,886	3.7	921	5-67	44	1420	57
16-04-0002	6383262	1398408	6 2 65	73	16,900	642	305	1	25,160	3.4	857	11-67	26	994	26
16-04-0002	5921173	1402186	9 12 63	82	17,265	641	305	2	20,885	3.7	769	6-67	30	634	27
16-04-0002	6039125	1273756	3 30 64	54	16,585	610	302	2	21,085	3.6	755	7-67	40	854	33
16-04-0002	6039120	1398408	2 12 64	66	17,020	632	305	2	20,980	3.5	734	7-67	31	733	19
16-04-0002	6039124	1273756	2 24 64	54	16,830	625	305	2	20,615	3.5	725	9-67	40	784	29
16-04-0002	6071654	1273756	1 26 64	84	16,960	626	305	2	18,890	3.7	708	5-67	40	597	27
16-04-0002	6009820	1402186	10 28 63	87	16,830	623	302	3	20,353	4.0	824	3-68	33	667	38
16-04-0012	4914716	1273756	4 1 59	23	12,755	475	296	6	17,121	4.0	678	3-67	44	895	42
16-04-0013	6478780	1273756	5 7 65	34	14,710	535	305	1	17,420	3.9	671	5-67	36	600	29
16-04-0013	6487847	1308429	10 27 65	23	15,630	549	293	1	21,530	3.5	743	3-68	36	612	15
16-04-0013	6504651	1273756	4 14 65	36	14,410	527	296	1	17,330	3.5	609	6-67	36	613	25
16-04-0013	6014444	1273756	8 8 63	32	15,216	559	305	3	20,303	3.5	718	9-67	42	959	36
16-04-0013	5958051	1427719	9 16 63	28	15,320	563	305	3	20,206	3.4	681	11-67	32	682	17
16-04-0013	5958060	1273756	11 1 63	30	15,073	554	297	3	18,523	3.6	669	10-67	42	769	31
16-04-0013	6242670	1273756	8 19 64	29	14,420	533	305	2	18,220	3.7	671	11-67	40	761	32
16-04-0015	6339366	1283917	7 3 65	67	17,340	612	305	1	22,820	3.1	710	8-67	36	770	8
16-04-0015	6320205	1398216	12 18 64	34	19,270	693	291	2	25,755	3.6	940	12-67	39	1053	35
16-04-0015	6320198	1231982	12 1 64	51	17,300	622	305	1	21,610	3.9	834	5-67	35	584	25
16-04-0015	5880251	1273756	7 8 63	59	18,073	658	305	3	21,426	3.4	728	9-67	42	792	27
16-04-0015	5984070	1250992	8 12 63	70	17,575	644	305	2	26,990	3.6	967	9-66	40	732	24
16-04-0015	4966652	1273756	6 21 59	60	16,648	615	304	7	18,672	3.4	644	9-67	44	643	22
16-04-0015	5491800	1359770	12 3 61	38	19,083	700	305	3	25,533	3.4	875	11-67	42	944	22
16-04-0015	5454630	1359770	10 8 61	36	19,212	720	305	4	23,682	3.6	853	3-67	44	758	19
16-04-0015	5603320	1359770	2 10 62	49	17,916	663	303	3	22,470	3.6	813	5-67	42	713	19
16-04-0015	6182741	1340669	10 13 64	34	19,285	698	300	2	24,695	3.1	772	12-67	40	880	9
16-04-0015	6182739	1420664	8 8 64	28	18,830	689	305	2	24,155	3.4	818	2-68	39	778	16
16-04-0023	6543081	1273756	9 26 65	28	12,830	500	305	1	17,990	3.9	699	8-67	36	768	34
16-04-0107	6425742	1442117	9 30 65	6	18,280	612	305	1	21,680	3.5	757	1-68	26	755	27
16-04-0111	5607005	1397466	6 14 62	44	15,723	593	305	3	20,673	3.7	758	5-67	39	711	17
16-04-0111	5683205	1372023	9 14 62	29	15,150	565	305	2	21,365	3.4	732	7-67	36	657	20
16-04-0111	6066647	1397466	1 1 64	32	15,375	572	305	2	21,565	3.3	720	11-67	37	743	11
16-04-0211	6496835	1319421	9 9 65	54	13,570	490	305	1	20,410	3.3	672	9-67	28	874	25
16-04-0211	6179188	1319421	3 21 64	39	13,705	483	305	2	17,120	3.6	620	12-67	33	665	24
16-04-0211	6294991	1273756	4 2 65	67	13,340	489	305	1	19,700	3.6	708	7-67	36	861	35
16-04-0211	6176179	1432733	1 11 64	45	17,183	648	302	3	22,673	3.7	835	3-68	35	1211	44
16-04-0212	6176189	1432733	4 19 64	21	16,630	627	305	2	18,015	4.2	758	8-67	32	668	34
16-04-0212	6176186	1432733	3 23 64	15	16,580	638	303	1	20,710	3.2	663	8-67	27	885	22
16-04-0212	6176181	1432733	2 1 64	42	17,153	647	303	3	22,116	3.5	781	3-68	35	1142	37
16-04-0212	6176182	1432733	2 6 64	31	16,825	648	305	2	18,885	3.9	744	8-67	32	748	30
16-04-0212	6176180	1432733	1 26 64	51	16,830	641	305	2	18,150	4.0	724	3-67	32	663	29
16-04-0212	5937414	1432733	9 25 63	19	16,433	622	305	3	19,046	4.2	791	8-67	35	832	40
16-04-0212	5689927	1231982	7 8 62	36	17,113	655	303	3	22,996	3.3	766	11-66	42	937	22

16-04-0212	5689922	1350733	3	4	62	39	17,480	667	305	3	22,563	3.3	736	5-67	32	860	15
16-04-0215	6495261	1273756	6	18	65	18	13,490	510	305	1	17,020	3.5	595	7-67	36	652	25
16-04-0224	6461607	1273756	1	17	65	48	18,150	647	305	1	22,280	3.3	741	10-67	36	731	27
16-04-0224	6392875	1273756	9	13	65	48	18,150	647	305	1	22,940	3.3	765	10-67	36	780	29
16-04-0224	6392464	1273756	11	01	64	48	18,150	647	305	1	21,050	3.4	718	10-67	36	640	25
16-04-0224	6392469	1273756	2	1	65	48	18,150	647	305	1	21,280	3.4	728	10-67	36	657	26
16-04-0224	6392470	1273756	3	7	65	48	18,150	647	305	1	22,720	3.5	791	10-67	36	764	31
16-04-0224	5707428	1273756	10	21	61	28	17,295	601	289	2	20,970	3.4	719	6-67	40	778	30
16-04-0224	5954953	1273756	12	14	63	40	17,690	642	305	2	22,875	3.3	758	12-67	40	935	31
16-04-0224	6151078	1273756	10	5	64	47	17,460	633	305	2	21,640	3.4	740	10-67	40	831	30
16-04-0226	6627629	1273756	12	2	64	9	14,270	534	305	1	20,950	3.0	622	10-67	36	892	26
16-04-0235	6179202	1319421	11	4	64	31	15,030	544	305	2	18,070	3.4	611	12-67	33	637	17
16-04-0235	4871596	1065220	11	13	58	39	13,160	486	299	4	17,517	3.4	591	7-67	44	644	15
16-04-0236	6179193	1319421	9	22	64	33	13,865	498	305	2	17,255	3.3	577	11-67	33	653	18
16-04-0236	6179201	1319421	10	30	64	29	13,625	495	304	2	16,730	3.6	599	7-67	33	628	21
16-04-0308	6496165	1273756	3	28	64	5	12,040	425	305	1	16,370	3.3	543	3-67	36	701	27
16-04-0311	6325321	1420664	8	30	64	29	15,035	562	305	2	19,230	3.7	718	10-67	38	655	18
16-04-0314	6185986	1370969	7	17	64	23	15,565	549	305	2	20,755	3.4	705	11-67	30	818	27
16-04-0314	6185981	1399018	10	2	64	19	15,715	547	305	2	21,450	3.2	695	11-67	32	918	27
16-04-0314	6216554	1399018	11	30	64	19	15,715	547	287	2	18,745	3.3	611	11-67	32	605	17
16-04-0314	5557109	1370969	1	27	62	23	14,685	536	305	4	18,192	3.5	636	10-67	35	684	22
16-04-0314	5943364	1399018	4	19	63	20	14,720	540	305	2	18,430	3.3	611	7-67	32	673	18
16-04-0314	5943380	1370969	9	24	63	18	16,346	574	298	3	19,446	3.2	626	12-67	33	620	15
16-04-0403	5900687	1273756	5	4	63	12	16,133	579	302	3	18,653	3.8	711	8-67	42	674	33
16-04-0403	5567128	1273756	4	18	62	14	15,520	532	305	1	19,040	3.2	610	7-67	36	666	25
16-04-0403	5804055	1273756	5	2	63	13	16,286	589	305	3	18,140	3.5	642	9-67	42	599	24
16-04-0408	6226514	1273756	8	17	64	13	14,990	518	305	1	17,980	3.6	647	10-67	36	623	29
16-04-0411	5888812	1390042	7	27	63	13	15,336	550	295	3	21,880	3.5	764	6-67	36	1136	40
16-04-0411	6339347	1432733	6	21	65	11	16,250	575	305	1	18,890	3.5	659	7-67	27	755	26
16-04-0512	6023238	1325017	1	13	64	17	17,140	669	305	1	21,410	3.9	828	7-67	26	720	21
16-04-0512	4454199	1059819	4	4	57	18	18,365	704	305	2	22,025	3.8	846	2-68	37	648	24
16-04-0512	6141663	1325017	7	29	64	23	18,390	720	305	2	26,385	3.0	804	1-68	31	1287	18
16-06-0008	6048790	1340669	12	5	63	11	13,095	496	297	2	17,855	3.1	547	8-67	40	751	5
16-06-0020	5934012	1199324	5	25	63	14	13,373	501	298	3	15,130	3.8	573	10-67	42	734	25
16-06-0030	6293383	1273756	6	14	64	10	13,575	490	305	2	17,460	3.9	677	11-67	40	761	36
16-06-0037	5374684	1203045	6	4	61	5	12,595	430	302	4	17,860	3.4	614	2-67	44	616	21
16-06-0048	6438950	1273756	11	8	64	35	15,950	623	285	1	18,910	3.5	657	5-67	36	628	22
16-06-0048	6445604	1412128	8	16	65	31	15,730	595	305	1	20,400	3.7	755	8-67	35	678	19
16-06-0048	6266481	1273756	9	1	63	32	15,740	626	296	2	20,480	3.7	754	5-67	40	870	32
16-06-0048	5956928	1273756	8	14	62	41	15,810	632	298	2	18,325	3.7	681	8-67	40	645	24
16-06-0048	5956928	1273756	9	12	62	35	15,493	604	299	3	19,916	3.7	729	7-67	42	886	33
16-06-0048	6018559	1273756	11	6	62	33	15,466	602	295	3	21,933	4.0	873	8-67	42	1120	49
16-06-0048	6018560	1273756	11	11	62	35	15,435	588	305	2	20,965	3.6	764	8-67	40	947	36
16-06-0064	5986135	1273756	6	27	62	7	14,853	534	305	3	19,690	3.5	685	4-67	42	926	35

TABLE 5.—HIGH-RANKING PROGENY OF DHIA SIRE: HOLSTEIN—Continued

COW'S LAST HERD CODE	COW'S REGISTRATION NO.	COW'S SIRE REGISTRATION NO.	COW'S BIRTH DATE (Mo.) (Day) (Yr.)	HERDMATES			AVERAGE PRODUCTION OF COW				LAST CALVING		REPEAT- ABILITY (P _{CL})		COW INDEX	
				NUM. BER	MILK (Lb.)	FAT (Lb.)	IN MILK (Days)	REC- ORDS	MILK (Lb.)	FAT (P _{CL})	(Mo.) (Yr.)	CAR			MILK	FAT
16-06-0064	6425702	1278644	12 9 65	5	15,380	576	305	1	20,330	3.7	1-68		36		767	20
16-06-0084	5966614	1280615	11 1 63	36	17,810	673	300	3	22,250	3.7	11-67		42		684	27
16-06-0084	6117178	1294703	4 26 64	33	17,915	684	300	2	19,305	3.7	11-67		40		597	15
16-06-0084	5574324	1273756	9 2 61	27	16,444	640	300	5	18,510	4.0	11-67		44		588	32
16-06-0096	5840119	1273756	3 31 63	17	12,930	470	302	3	15,703	3.6	8-67		42		666	28
16-06-0098	4949729	1273756	8 4 59	20	16,212	592	305	5	18,666	3.7	4-67		44		693	31
16-06-0100	5756564	1282936	2 6 63	13	16,543	608	273	3	18,903	4.0	12-67		41		632	30
16-06-0125	5658451	1273756	9 30 62	24	14,760	561	300	3	18,936	4.3	5-67		42		849	46
16-06-0125	6432970	1273756	1 22 64	22	13,745	546	305	2	16,400	3.9	6-67		40		638	27
16-06-0125	6385112	1273756	11 4 64	24	13,860	541	301	2	17,445	3.7	9-67		40		734	29
16-06-0125	6000966	1273756	8 3 63	22	13,343	523	292	3	15,536	4.0	8-67		42		604	29
16-06-0130	6013392	1273756	8 23 63	30	16,445	585	305	2	18,880	3.7	11-67		40		643	30
16-06-0130	6045251	1231982	10 3 63	61	14,990	548	305	2	18,915	3.5	11-66		40		632	21
16-06-0130	4917100	1273756	4 3 69	41	14,745	549	305	4	17,570	3.5	3-67		44		710	26
16-06-0130	5201261	1290716	8 30 60	69	14,408	534	302	5	18,922	3.7	1-68		44		780	41
16-06-0130	6495532	1412128	10 8 65	41	14,770	572	287	1	19,160	3.6	1-68		35		679	17
16-06-0130	6495528	1375967	8 14 65	73	14,980	566	305	1	19,720	3.5	10-67		35		765	12
16-06-0130	5814728	1203045	8 23 62	35	14,683	541	302	3	20,573	3.6	2-67		42		667	23
16-06-0130	6293384	1273756	9 3 64	77	14,445	540	305	2	19,920	3.8	9-67		40		932	41
16-06-0130	6315953	1349029	9 17 64	80	14,845	555	305	2	20,375	3.8	10-67		38		621	25
16-06-0137	6583756	1454800	12 3 65	21	18,050	664	305	1	19,390	4.4	1-68		24		591	34
16-06-0137	5158306	1346121	7 26 60	14	15,934	594	304	5	21,812	3.5	7-67		43		848	26
16-06-0137	5425844	1346121	12 3 60	15	15,878	598	305	5	22,522	3.3	5-67		43		950	23
16-06-0159	6349770	1432878	6 15 65	29	12,310	448	305	1	18,140	3.7	8-67		22		648	25
16-06-0159	6202019	1432878	8 28 64	38	13,645	502	305	2	17,995	3.5	9-67		29		635	20
16-06-0162	6092502	1280615	1 24 64	19	14,305	571	298	2	19,520	3.6	6-67		40		666	23
16-06-0162	4547351	1273756	1 8 58	15	14,150	527	300	7	17,525	3.8	4-67		44		785	34
16-06-0162	5867943	1273756	7 14 63	21	15,413	587	305	3	20,753	4.1	11-67		42		990	48
16-06-0162	5766464	1273756	2 4 63	19	14,710	558	301	3	19,843	3.8	9-67		42		958	41
16-06-0162	5997136	1231982	10 7 63	21	14,735	580	299	2	20,315	3.5	9-66		40		798	23
16-06-0166	5869633	1402163	7 22 63	29	14,430	518	305	3	21,060	3.6	9-67		36		978	33
16-06-0172	4829008	1273756	12 2 57	11	14,915	556	299	7	18,781	3.4	3-67		44		858	27
16-06-0184	6410046	1273756	7 24 65	6	12,910	491	300	5	21,500	3.8	10-67		36		1024	43
16-06-0199	6385930	1249430	9 2 65	27	14,550	529	305	1	21,000	3.2	12-67		36		642	19
16-06-0199	5880216	1273756	6 27 63	16	14,806	531	302	3	17,936	3.5	9-67		42		729	28
16-06-0199	6074622	1273756	1 23 64	21	14,830	539	305	2	17,280	3.6	10-67		40		628	27
16-06-0201	5189746	1273756	3 15 60	12	15,950	570	300	5	19,998	3.5	2-67		44		895	33
16-06-0206	5738526	1273756	4 12 62	10	15,890	590	295	3	18,180	3.5	4-67		42		645	24
16-06-0201	5738525	1273756	4 12 62	13	15,666	560	305	3	18,813	3.5	7-67		42		741	29
16-06-0201	6124494	1273756	5 4 64	11	15,100	582	292	2	18,790	3.4	12-67		40		757	23
16-06-0204	6582535	1273756	8 12 64	24	14,610	570	305	2	18,800	3.8	10-67		40		803	32
16-06-0204	4983193	1293176	12 6 59	21	14,936	566	305	6	19,560	3.7	10-67		37		635	25
16-06-0206	5836695	1273756	9 30 61	13	14,973	613	305	3	18,820	3.6	8-67		42		813	26
16-06-0217	5608631	1273756	1 17 62	20	14,800	560	305	4	21,057	3.4	10-67		44		1134	38
16-06-0225	5872159	1387471	3 17 63	17	17,806	694	305	3	21,046	3.7	8-67		33		650	23

16-06-0234	5971835	1273756	11 4 63	16	14,205	547	305	2	18,390	3.8	691	12-67	40	798	33
16-06-0234	5971834	1273756	10 24 63	18	12,510	473	297	2	15,220	3.8	571	8-67	40	631	27
16-06-0244	5982441	1301172	5 6 63	8	14,193	535	305	3	18,570	3.9	719	3-68	42	598	29
16-06-0247	5967754	1402163	11 13 63	32	16,620	647	305	2	20,595	3.7	762	8-67	33	605	15
16-06-0247	4993226	1273756	6 12 59	26	16,655	634	301	6	18,333	3.7	687	4-67	44	598	25
16-06-0247	6154181	1329588	3 29 64	33	16,430	644	305	2	19,800	3.8	761	8-67	40	619	20
16-06-0247	6353552	1273756	1 29 64	31	16,325	635	305	2	20,060	3.6	718	8-67	40	774	27
16-06-0249	5933768	1273756	2 12 62	14	15,695	591	284	4	17,632	3.9	686	11-67	44	612	29
16-06-0254	6538522	1329063	5 28 64	17	15,880	616	298	2	20,560	3.8	773	10-67	36	615	24
16-06-0261	6280950	1273756	1 25 64	18	14,955	564	305	2	20,380	3.7	758	11-67	40	932	38
16-06-0261	6124451	1273756	8 4 64	24	15,195	576	305	2	17,370	3.9	669	7-67	40	604	28
16-06-0261	6217027	1411214	1 4 65	23	15,040	572	305	1	21,460	3.6	771	1-68	35	589	21
16-06-0261	6222541	1339807	3 9 63	28	16,145	614	305	2	18,815	3.7	700	7-67	31	610	20
16-06-0261	6729102	1273756	4 2 65	14	13,940	517	305	1	18,610	3.6	678	10-67	36	740	31
16-06-0269	6583691	1273756	8 31 65	24	17,080	649	305	1	20,920	4.0	841	11-67	36	702	34
16-06-0272	5665250	2605990	8 19 62	30	15,566	571	305	3	19,806	3.6	714	11-67	42	751	18
16-06-0280	6378220	1199324	1 1 64	23	15,650	579	305	2	23,870	3.3	798	8-67	40	1408	40
16-06-0312	5403102	1383311	9 20 61	26	12,560	448	239	2	17,025	3.5	598	2-68	34	696	23
16-06-0319	6298214	1273756	2 12 65	38	12,220	457	305	1	17,510	3.8	672	7-67	36	773	35
16-06-0323	5854548	1399018	11 11 62	9	15,767	567	295	4	20,427	3.2	662	1-68	36	901	23
16-06-0338	6466389	1273756	11 19 64	42	14,675	551	297	2	20,305	3.3	669	10-67	40	950	30
16-06-0338	6499056	1273756	6 14 65	34	14,860	551	305	1	17,320	3.9	668	12-67	36	582	28
16-06-0338	6223640	1415321	10 15 64	37	14,805	557	305	2	20,525	3.2	663	1-68	29	758	14
16-06-0338	6187097	1273756	12 9 64	12	14,360	527	305	1	19,760	3.6	709	5-67	36	798	33
16-06-0338	5964528	1273756	12 15 63	26	14,695	540	305	2	17,515	3.7	640	8-67	40	665	28
16-06-0340	5484730	1273756	12 14 61	6	13,990	512	293	4	18,110	3.6	649	7-67	44	860	34
16-06-0365	6345652	1273756	2 5 64	6	13,665	496	305	2	15,880	3.5	553	10-67	40	593	23
16-10-0008	5527706	1273756	12 8 61	21	16,472	629	305	4	18,915	4.0	758	11-67	44	684	34
16-10-0014	6620405	1273756	11 28 64	41	14,980	559	305	1	17,600	3.6	629	6-67	36	595	25
16-10-0014	6361157	1306247	3 5 65	44	14,930	562	294	1	17,560	3.7	657	8-67	33	941	30
16-10-0014	6489448	1273756	7 5 65	53	14,640	556	305	1	17,330	4.1	702	8-67	36	598	30
16-10-0014	6444631	1280615	8 1 65	57	14,580	558	305	1	21,680	3.2	685	8-67	36	675	19
16-10-0014	5984881	1273756	11 14 63	40	14,940	574	305	2	18,660	3.8	702	8-67	40	753	31
16-10-0014	6064343	1273756	2 5 64	34	15,110	576	305	2	17,505	4.2	729	6-67	40	626	34
16-10-0017	5948398	1199324	12 20 63	27	15,215	542	302	2	19,450	3.4	667	6-67	40	999	31
16-10-0017	6425739	1442117	8 30 65	50	15,210	557	305	1	18,600	3.6	664	10-67	24	754	25
16-10-0017	6275026	1442117	1 13 65	47	15,130	548	305	1	17,480	3.4	592	11-67	24	660	19
16-10-0029	5854549	1399018	12 7 62	24	15,220	587	305	3	18,653	3.8	710	1-68	34	694	26
16-10-0032	5782316	1259069	11 13 62	18	17,960	684	305	2	21,650	3.7	808	7-67	40	631	18
16-10-0032	5834705	1259069	3 18 63	18	17,946	689	305	3	22,216	3.8	838	8-67	42	746	23
16-10-0032	6014995	1244009	7 2 63	33	19,015	704	305	2	21,135	3.7	781	10-67	40	675	19
16-10-0032	6023885	1259069	11 27 63	18	17,960	684	305	2	21,980	3.9	854	7-67	40	665	23
16-10-0032	6169160	1259069	9 10 64	15	18,750	687	305	1	24,500	3.8	932	3-68	36	694	26
16-10-0032	6169163	1303198	9 11 64	17	18,350	708	305	1	23,970	3.6	863	5-67	36	709	23
16-10-0032	6081771	1259069	1 21 64	21	18,275	688	305	2	22,560	3.6	801	10-67	40	695	17

TABLE 5.—HIGH-RANKING PROGENY OF DHIA SIRE: HOLSTEIN—Continued

COW'S LAST HERD CODE	COW'S REGISTRATION NO.	COW'S SIRE REGISTRATION NO.	COW'S BIRTH DATE (Mo.) (Day) (Yr.)	HERDMATES			AVERAGE PRODUCTION OF COW				LAST CALVING		REPEAT- ABILITY (Pct.)	COW INDEX	
				NUM- BER	MILK (Lb.)	FAT (Lb.)	IN MILK (Days)	REC- ORDS	MILK (Lb.)	FAT (Pct.)	FAT (Lb.)	(Mo.) (Yr.)	CAR	MILK	FAT
16-10-0032	6081768	1259069	1 2 64	18	17,960	684	305	2	22,680	3.6	812	7-67		736	19
16-10-0032	6081777	1259069	4 27 64	20	18,595	693	305	2	23,085	3.5	813	3-68		719	18
16-10-0039	5939473	1421195	7 16 63	46	12,570	473	305	3	16,366	3.7	604	8-67		629	24
16-10-0048	5930569	1273756	9 12 63	12	16,295	584	300	2	20,410	3.6	726	5-67		812	33
16-10-0048	5665884	1273756	4 2 62	23	16,517	589	305	4	19,237	3.6	691	8-67		719	30
16-10-0061	6092204	1293970	1 15 64	15	13,085	447	209	2	18,775	3.1	573	8-67	8	610	18
16-10-0064	5706319	1199324	10 19 62	16	16,966	601	296	3	19,240	3.7	716	2-67		835	31
16-10-0064	6316626	1273756	5 4 65	22	16,480	577	305	1	19,240	3.7	705	9-67		617	29
16-10-0064	6425736	1421117	6 19 65	19	16,680	585	305	1	18,760	3.6	680	10-67		650	24
16-10-0083	6517840	1273756	1 12 65	14	12,500	477	244	1	15,320	4.2	639	9-67	8	592	31
16-10-0083	5871836	1199324	3 16 63	17	15,306	548	263	3	20,170	3.0	610	11-67	8	1114	25
16-10-0083	6012906	1273756	3 26 63	13	14,650	528	288	3	16,623	3.4	566	8-67	8	594	22
16-10-0090	5299965	1154946	2 18 61	11	15,190	558	305	5	19,638	3.2	635	2-68		785	15
16-10-0091	5808462	1395826	4 28 63	130	14,206	514	305	3	19,533	3.8	746	7-67		-914	34
16-10-0113	5444339	1273756	10 23 61	14	12,632	472	305	4	17,600	3.5	624	10-67		948	35
16-10-0120	5317622	1290716	12 12 60	18	16,282	576	304	5	21,114	4.0	840	10-67		846	55
16-10-0120	5933224	1395826	9 10 63	25	17,603	625	301	3	25,793	3.2	813	12-67		1323	29
16-10-0120	6313256	1273756	8 28 64	22	18,610	655	304	2	21,095	3.4	720	11-67		670	26
16-10-0120	6313255	1273756	5 23 64	22	16,935	596	305	2	19,455	3.5	682	9-67		657	27
16-10-0120	6313258	1308429	7 1 64	27	18,245	640	305	2	22,780	3.7	839	1-68		654	21
16-10-0125	6241655	1308429	4 1 64	15	15,845	597	305	2	21,320	3.1	667	8-67		752	9
16-10-0125	6250803	1273756	10 5 64	12	15,995	579	300	2	18,715	3.8	705	8-67		668	31
16-10-0131	5982458	1273982	10 17 63	19	15,840	570	305	2	19,795	3.7	727	5-67		644	24
16-10-0131	6412960	1273756	10 6 65	26	14,100	519	277	1	16,960	3.9	659	9-67		606	29
16-10-0131	5714668	1273756	1 1 63	11	15,076	577	305	3	19,413	3.5	671	12-67		871	29
16-12-0015	6107687	1273756	5 14 64	15	15,635	589	304	2	18,250	3.9	707	6-67		653	30
16-12-0023	4921291	1273756	8 12 59	18	14,097	567	305	4	17,680	3.9	695	2-67		796	33
16-12-0023	6065270	1273756	1 15 64	27	13,780	529	305	2	16,545	4.0	663	9-67		650	31
16-12-0023	5890144	1273756	8 15 63	27	13,780	529	305	2	17,515	3.6	637	9-67		748	29
16-12-0026	5845559	1411432	7 1 63	24	16,953	635	305	3	23,990	3.5	849	11-67		896	28
16-12-0027	4952740	1301172	10 25 59	15	15,288	536	300	6	19,518	3.5	688	1-68		651	27
16-12-0033	6809569	1417208	9 2 64	11	16,540	577	305	1	21,530	3.4	723	1-68		774	27
16-12-0042	5619585	1340669	7 8 62	17	14,167	510	298	4	18,587	3.4	625	8-67		810	14
16-12-0042	5452675	1273756	9 16 61	18	14,360	527	302	4	18,497	3.7	685	10-67		867	36
16-12-0042	5359673	1203045	4 27 61	23	14,757	542	300	4	20,485	3.5	717	7-67		700	22
16-12-0042	6153566	1273756	10 18 64	21	13,660	496	305	1	16,680	3.6	601	8-67		615	27
16-12-0042	6153464	1273756	8 12 64	21	15,420	558	305	1	18,690	3.8	707	5-67		647	30
16-12-0042	6264864	1231982	2 10 65	19	14,180	522	305	1	20,020	3.6	716	7-67		676	23
16-12-0042	6264863	1231982	12 29 64	19	14,430	538	305	1	26,120	3.2	827	5-67		1120	30
16-12-0050	6029090	1390735	9 18 63	11	14,560	562	301	3	18,113	4.2	756	2-68		752	37
16-12-0053	5276179	1199324	12 18 60	8	15,875	603	305	4	19,015	3.8	724	10-67		938	33
16-12-0056	5358257	1273756	4 25 61	9	15,072	551	285	4	18,482	3.2	592	5-67		786	22
16-12-0056	5463056	1273756	11 1 61	11	13,752	497	297	4	15,990	4.0	637	6-67		625	34
16-12-0056	5463057	1273756	11 25 61	10	14,250	509	297	2	18,272	3.9	711	7-67		852	42
16-12-0056	6302151	1428649	9 10 63	12	14,270	524	287	2	17,945	3.7	659	5-67		731	21

16-12-0056	1273756	9	1	64	8	13,215	484	271	2	16,455	4.0	654	10-67	40	692	35
16-12-0056	1273756	3	10	62	9	15,010	545	305	3	17,743	3.7	660	7-67	42	686	31
16-12-0057	1199324	10	9	60	14	14,976	520	280	5	16,760	3.8	644	8-67	44	764	33
16-12-0058	1273756	2	13	64	24	12,205	472	305	2	16,345	3.8	625	12-67	40	773	33
16-12-0063	1273756	3	26	64	14	17,185	584	305	2	22,435	3.5	793	7-67	40	936	39
16-12-0063	1442117	8	27	65	7	18,960	635	305	1	21,550	3.5	757	11-67	24	716	27
16-12-0063	1273756	5	23	62	10	17,635	608	304	4	20,115	3.3	671	10-67	44	703	26
16-12-0063	1442117	12	21	64	6	18,530	660	305	1	19,970	3.3	667	2-68	26	587	15
16-12-0080	1273756	11	11	62	20	15,936	585	305	3	23,696	3.5	835	8-67	42	1274	47
16-12-0080	1273756	11	22	61	18	16,220	606	305	3	19,473	3.7	728	9-67	42	759	32
16-12-0080	1231982	9	29	61	21	15,555	590	299	4	18,555	3.4	639	11-66	43	604	15
16-12-0081	1273756	9	18	62	39	13,620	508	305	1	17,050	3.2	546	9-67	36	645	22
16-12-0081	1308429	6	9	62	24	13,733	524	303	3	17,940	3.8	687	6-67	42	653	19
16-12-0081	1273756	7	6	61	31	14,302	536	303	5	16,902	4.1	688	10-67	44	687	37
16-12-0083	1273756	8	12	64	21	15,940	588	303	2	20,570	3.5	729	10-67	40	861	33
16-12-0100	1273756	5	23	65	14	13,900	528	305	1	17,620	3.6	627	8-67	36	669	26
16-12-0101	1273756	1	7	58	12	14,118	509	305	5	19,058	3.6	679	2-67	44	986	39
16-12-0101	1199324	3	4	63	31	13,946	503	305	3	18,093	3.3	601	7-67	42	1016	28
16-12-0121	1294703	1	2	64	13	13,630	495	305	2	19,970	3.4	673	8-67	40	1058	28
16-12-0129	1273756	6	4	59	11	14,437	513	305	4	18,672	3.7	687	7-67	44	880	38
16-12-0129	1375967	11	15	64	15	15,885	611	305	2	19,975	3.2	640	1-68	40	769	4
16-12-0132	1313490	4	16	64	11	16,480	594	305	2	21,040	3.5	746	3-68	40	708	20
16-12-0132	1329588	4	17	64	11	15,450	540	305	2	19,630	3.4	667	10-67	40	691	20
16-12-0154	1442117	7	3	65	6	17,220	616	305	1	19,260	4.2	801	8-67	24	651	32
16-12-0160	1308429	6	13	65	14	15,700	569	305	1	24,060	3.7	882	10-67	36	822	24
16-12-0161	1294703	3	1	64	23	10,980	435	305	2	14,630	3.4	502	8-67	40	756	16
16-14-0003	1273756	10	29	65	40	15,470	616	305	1	20,870	3.8	794	9-67	36	806	33
16-14-0003	1273756	11	27	65	36	15,710	623	305	1	21,610	4.2	911	10-67	36	845	41
16-14-0003	1273756	11	8	64	40	15,470	616	305	1	20,970	3.8	791	9-67	36	813	33
16-14-0005	1273756	1	28	65	19	14,800	533	305	1	17,990	3.4	614	5-67	36	636	25
16-14-0005	1412128	5	31	65	23	14,440	519	305	1	17,810	3.8	684	6-67	35	600	20
16-14-0005	1273756	9	16	61	18	14,147	534	305	4	17,667	3.4	609	9-67	44	788	26
16-14-0005	1231982	7	28	64	17	14,680	525	304	1	21,470	3.3	710	5-67	35	752	22
16-14-0005	1273756	6	7	64	11	13,610	526	305	2	16,100	3.7	592	10-67	40	620	24
16-14-0014	1339807	10	20	63	27	17,523	629	305	3	24,296	3.1	760	3-68	34	1199	27
16-14-0014	1339807	4	4	64	70	16,295	619	301	2	19,795	3.5	687	10-67	31	709	18
16-14-0014	1339807	10	28	64	58	16,660	623	305	2	19,660	3.9	760	9-67	40	665	33
16-14-0014	1339807	10	10	65	79	17,670	667	305	1	21,100	3.5	738	10-67	26	622	16
16-14-0014	1339807	6	20	65	80	16,690	630	305	1	22,090	3.7	819	9-67	26	784	26
16-14-0014	1339807	2	18	65	46	17,760	640	301	2	22,655	3.3	741	1-68	31	889	22
16-14-0014	1415806	4	1	64	67	15,535	578	305	2	23,680	3.2	757	5-67	32	1157	28
16-14-0014	1339807	8	14	63	59	16,986	626	305	3	20,800	3.5	731	10-67	34	802	23
16-14-0014	1199324	4	14	63	40	17,635	624	305	2	21,410	3.4	730	2-67	40	977	29
16-14-0014	1339807	10	26	63	64	15,515	577	305	2	19,360	3.7	713	6-67	31	740	25
16-14-0014	1415806	10	19	63	70	16,303	602	295	3	20,903	3.3	692	9-67	37	726	15

TABLE 5.—HIGH-RANKING PROGENY OF DHIA SIRE: HOLSTEIN—Continued

COW'S LAST HERD CODE	COW'S REGISTRATION NO.	COW'S SIRE REGISTRATION NO.	COW'S BIRTH DATE (Mo.) (Day) (Yr.)	HERDMATES		AVERAGE PRODUCTION OF COW				LAST CALVING		REPEAT- ABILITY (Pct.)	COW INDEX	
				NUM- BER	MILK (Lb.)	FAT (Lb.)	IN MILK (Days)	REC- ORDS	MILK (Lb.)	FAT (Pct.)	(Mo.) (Yr.)		MILK	FAT
16-14-0014	5910048	1392774	3 9 63	72	16,663	612	305	3	20,783	3.4	712	42	660	20
16-14-0014	5512860	1287412	2 19 62	47	17,042	625	304	4	21,472	3.4	728	41	666	19
16-14-0017	5607262	1273756	7 10 62	16	15,237	560	301	4	22,462	3.5	789	44	1259	46
16-14-0017	5839012	1273756	4 29 63	19	15,405	566	298	2	20,350	3.8	775	40	887	39
16-14-0017	6323816	1273756	4 18 65	19	14,550	563	305	1	18,330	3.6	669	36	678	27
16-14-0037	5816834	1231982	8 8 62	47	15,072	564	299	4	18,215	3.7	674	43	616	22
16-14-0038	6227957	1408640	2 8 65	10	16,900	617	305	2	20,535	3.5	723	30	661	23
16-14-0046	6160252	1273756	6 10 64	22	15,295	551	305	2	21,095	3.7	781	40	973	41
16-14-0046	6011676	1239574	9 24 63	16	18,565	650	305	2	24,840	3.4	839	34	916	28
16-14-0046	6523994	1375967	2 10 66	16	17,130	613	305	1	22,740	3.0	680	35	848	8
16-14-0050	6098181	1199324	12 13 63	15	16,545	616	305	2	24,585	3.8	939	40	1399	51
16-14-0060	6146576	1399018	8 19 64	18	16,640	591	305	2	22,350	3.5	772	32	926	31
16-14-0060	5484081	1273756	12 4 61	23	14,615	535	305	4	20,955	3.7	780	44	1142	47
16-14-0060	6275320	1435978	10 20 64	24	16,120	587	301	2	19,215	3.4	645	30	589	15
16-14-0063	6173380	1417208	11 23 64	38	15,940	557	305	1	22,730	3.5	791	35	878	34
16-14-0063	5854696	1199324	6 16 63	44	15,643	541	296	3	19,000	3.3	619	42	944	26
16-14-0065	5795450	1199324	1 30 62	8	9,135	310	239	4	10,100	3.3	338	44	586	18
16-14-0067	6342421	1273756	8 6 64	6	13,590	528	305	1	16,780	3.8	646	36	627	28
16-14-0081	5730157	1375967	10 27 62	10	15,056	572	300	3	23,173	3.4	796	41	1322	30
16-14-0108	6346329	1375967	4 1 65	32	13,570	513	305	1	20,320	3.7	760	35	908	21
16-14-0116	6381597	1273756	3 15 64	8	14,360	538	297	2	17,550	3.4	593	40	699	23
16-14-0116	6452842	1273756	11 7 65	9	16,780	626	291	1	21,300	3.8	801	36	750	33
16-14-0116	6428759	1442117	9 5 65	12	17,800	633	305	1	24,110	3.4	810	26	1004	30
16-14-0123	5671447	1273756	9 4 62	8	10,436	356	292	3	12,766	3.3	424	42	587	23
16-16-0002	6367274	1273756	8 30 64	27	13,895	475	305	2	16,355	3.3	539	40	620	24
16-16-0041	5470696	1199324	7 5 61	19	14,712	554	240	4	15,835	3.5	548	44	675	16
16-16-0041	5411013	1343810	9 6 61	39	13,760	512	253	5	17,570	3.4	605	35	721	17
16-16-0056	5671051	1273756	7 26 62	13	15,090	554	305	2	17,715	3.6	644	40	649	27
16-16-0060	5627862	1390735	5 27 62	52	15,285	579	305	4	23,297	3.7	862	35	1433	52
16-16-0060	6468279	1432733	8 26 65	6	14,870	559	267	1	19,220	3.8	730	27	890	35
16-16-0060	6381347	1432733	9 7 65	40	14,890	548	289	1	19,850	4.0	796	27	942	41
16-16-0060	6323465	1432733	6 14 65	43	13,410	504	305	1	17,920	3.6	638	27	890	30
16-16-0060	6323464	1432733	6 14 65	38	13,000	488	305	1	18,050	3.6	651	27	933	32
16-16-0060	6323461	1432733	5 21 65	43	13,410	504	305	1	18,280	3.6	657	27	921	32
16-16-0060	6323462	1432733	5 24 65	43	13,410	504	304	1	20,550	3.3	672	27	1115	33
16-16-0060	6323463	1432733	5 29 65	38	13,000	488	305	1	18,390	3.7	679	27	962	35
16-16-0060	6323460	1432733	5 18 65	36	12,820	483	305	1	15,250	3.8	578	27	707	26
16-16-0060	6323457	1432733	1 7 65	43	13,810	514	297	2	15,260	3.6	544	32	643	21
16-16-0060	6171818	1432733	7 18 64	45	13,830	517	305	2	17,665	3.6	641	32	918	32
16-16-0060	6219449	1432733	12 16 64	56	14,405	533	305	2	17,875	3.8	671	32	883	35
16-16-0060	6219453	1390735	2 20 64	47	14,475	539	278	2	17,155	3.5	603	30	606	19
16-16-0060	6219451	1432733	12 25 64	56	14,405	533	304	2	16,160	3.8	614	32	686	28
16-16-0060	6212700	1432733	10 15 64	43	14,110	524	292	2	19,020	3.6	694	32	1045	37
16-16-0060	6110478	1390735	3 1 64	36	14,776	549	291	3	19,120	3.6	690	33	861	30
16-16-0060	6110476	1390735	2 13 64	18	14,630	545	272	3	18,330	3.8	694	33	773	31

16-16-0060	6071021	1390735	1 16 64	34	15,096	560	303	3	22,283	3.5	781	12-67	33	1246	41
16-16-0060	5887393	1390735	5 20 63	50	14,786	551	304	3	21,376	3.6	773	8-67	33	1162	41
16-16-0121	6428097	1432733	11 2 65	8	15,350	529	305	1	19,010	3.6	680	3-68	27	832	33
16-16-0137	6107689	1273756	8 10 64	13	14,070	493	305	1	21,490	3.7	798	10-67	36	946	42
16-16-0137	6119653	1329588	1 13 64	8	14,335	518	290	2	18,450	3.3	600	8-67	40	673	15
16-16-0149	6102673	1199324	6 26 63	7	15,830	559	305	2	18,370	3.5	644	3-67	40	833	27
16-16-0149	5503673	1231982	12 26 61	7	15,826	552	302	3	19,610	3.4	667	5-67	42	677	21
16-16-0155	6212702	1432733	11 8 64	13	14,040	496	297	2	20,310	3.7	751	12-67	32	1201	48
16-16-0155	6219452	1432733	1 7 65	12	14,730	549	305	1	16,470	3.5	571	4-67	27	665	21
16-16-0155	6171819	1432733	7 29 64	13	14,355	523	288	2	15,205	3.5	529	11-67	32	582	19
16-16-0155	6381348	1432733	9 11 65	32	13,540	502	305	1	16,110	3.6	572	6-67	27	726	24
16-16-0155	6339546	1432733	9 3 64	25	13,320	486	295	2	23,235	3.2	751	8-67	32	1611	48
16-16-0155	6247179	1432733	12 19 64	25	13,245	483	301	2	14,900	3.6	534	8-67	32	660	23
21-01-0058	6083470	1408080	1 1 64	8	14,725	546	305	2	21,040	3.4	706	5-67	36	983	22
21-01-0253	6329990	1221835	12 21 64	12	17,640	632	300	2	21,305	3.3	710	12-67	40	776	19
21-01-0253	5597276	1240125	3 14 62	14	16,973	605	305	3	23,706	3.3	771	4-68	42	1103	30
21-01-0253	6536544	1348259	4 29 66	10	17,130	595	305	1	20,620	3.5	714	4-68	36	626	24
21-01-0410	6603246	1348259	6 8 65	14	15,720	550	305	1	19,390	3.8	743	9-67	36	653	30
21-01-0607	6195004	1239886	7 24 64	20	14,290	539	305	1	19,740	3.4	670	11-67	36	582	21
21-01-0879	6204085	1239886	11 16 64	42	16,025	573	283	2	20,215	3.5	702	11-67	40	612	24
21-01-0879	6454630	1278644	10 14 65	52	16,750	592	305	1	21,690	3.4	743	10-67	36	777	19
21-01-0928	5586901	1361174	1 1 62	36	15,202	566	295	4	19,490	3.8	741	1-68	36	632	27
21-02-0008	5593683	1377691	6 20 62	22	15,407	578	305	4	18,155	3.6	645	2-68	42	689	16
21-02-0008	5699640	1404202	1 4 63	20	16,085	598	305	2	19,690	3.8	748	4-67	38	870	24
21-02-0033	6632728	1240125	7 16 65	25	12,990	468	305	1	17,240	3.3	565	7-67	36	632	17
21-02-0092	6067958	1278644	4 7 64	21	15,490	537	302	2	22,305	3.1	681	8-67	40	1072	21
21-02-0129	5988699	1278644	11 15 63	17	16,915	590	305	2	22,225	3.1	695	9-67	40	934	18
21-02-0129	6386936	1223243	5 14 65	8	17,050	594	305	1	20,410	3.3	666	6-67	35	581	16
21-02-0129	6292748	1278644	1 26 65	11	16,940	588	305	1	23,790	3.1	745	7-67	36	920	19
21-02-0253	5289216	1199324	1 1 61	12	16,972	596	305	5	18,460	4.0	735	11-67	44	751	36
21-02-0326	6641992	1348259	2 13 66	6	17,600	636	305	1	20,760	3.6	746	11-67	36	629	24
21-02-0326	6154960	1285709	5 13 64	9	17,085	597	303	2	20,685	3.4	702	11-67	40	615	16
21-02-0521	5921035	1398216	8 25 64	24	14,220	522	305	1	16,760	3.6	609	1-67	35	580	16
21-02-0605	6149528	1329588	7 26 64	27	16,600	590	305	2	20,340	3.5	704	11-67	40	658	19
21-02-0965	6196884	1329588	8 13 64	13	15,985	577	305	2	19,825	3.4	669	2-68	40	662	17
21-03-0011	6060786	1199324	12 13 63	17	11,965	425	305	2	13,405	3.1	420	7-67	40	682	17
21-03-0035	6189393	1239886	8 11 64	9	16,750	584	299	2	20,745	3.1	643	12-67	40	599	17
21-03-0061	5932413	1240125	12 15 62	53	15,316	529	303	3	18,660	3.7	683	7-67	42	694	27
21-03-0061	6474497	1348259	7 31 65	63	16,020	547	305	1	18,840	3.3	619	10-67	36	592	21
21-03-0061	6285574	1348259	3 19 65	33	15,700	548	305	1	19,950	3.8	756	7-67	35	704	30
21-03-0061	6381783	1278644	2 2 65	46	15,530	548	305	1	18,270	3.7	667	7-67	36	604	16
21-03-0073	5925186	1221835	11 24 63	7	15,740	559	290	1	20,060	3.6	732	11-67	36	723	24
21-03-0073	5925185	1312008	11 6 63	9	15,050	537	305	1	20,690	3.7	762	10-67	36	591	31
21-03-0147	5437249	1240125	10 28 61	42	14,805	517	286	4	17,275	3.6	629	10-67	36	602	23
21-03-0214	6077510	1199324	2 4 64	31	12,970	457	298	1	13,600	3.6	485	9-67	36	630	21

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TABLE 5.—HIGH-RANKING PROGENY OF DHIA Sires: HOLSTEIN—Continued

COW'S LAST HERD CODE	COW'S REGISTRATION NO.	COW'S SIRE REGISTRATION NO.	COW'S BIRTH DATE (Mo.) (Day) (Yr.)	HERDMATES		AVERAGE PRODUCTION OF COW					LAST CALVING		REPEAT- ABILITY (Pct.)	COW INDEX	
				NUM- BER	MILK (Lb.)	FAT (Lb.)	IN MILK (Days)	REC- ORDS	MILK (Lb.)	FAT (Pct.)	FAT (Lb.)	(Mo.) (Yr.)		CAR	MILK
21-03-0225	5082828	1309582	12 14 59	22	14,487	516	305	4	19,330	3.4	662	7-67	37	764	21
21-03-0345	5498227	1239886	8 23 61	27	14,922	523	300	4	18,380	3.3	615	9-67	44	597	22
21-03-0345	6443287	1278644	8 29 65	29	14,950	522	301	1	17,650	3.6	631	9-67	36	596	15
21-03-0368	5767552	1352969	11 15 62	11	15,686	555	305	3	19,216	3.3	630	3-68	34	646	15
21-03-0368	5767554	1352969	11 20 62	11	15,673	556	305	3	19,810	3.4	670	3-68	34	725	20
21-03-0564	5792782	1239886	1 11 63	6	11,180	381	305	3	15,740	3.5	555	7-67	42	653	29
21-03-0630	5695064	1221835	10 15 62	18	17,707	652	296	4	19,892	3.7	728	10-67	44	663	21
21-03-0672	5781456	1221835	12 1 62	55	13,393	441	292	3	16,003	3.5	561	9-67	42	648	23
21-03-0672	5357485	1352969	12 18 60	29	14,084	479	305	5	19,060	3.3	625	8-67	37	881	25
21-03-0683	6443771	1278644	9 11 65	47	15,300	530	300	1	21,690	3.2	698	11-67	36	874	20
21-03-0879	5642495	1239885	9 12 62	30	13,580	471	305	3	18,923	3.5	669	7-67	42	599	27
21-03-0879	6079479	1239886	1 21 64	40	13,555	479	293	2	19,670	3.3	654	8-67	40	782	28
21-03-0879	6358023	1348259	3 17 65	25	13,900	482	305	1	17,380	3.6	620	12-67	36	625	25
21-03-0910	6309150	1221835	2 1 65	34	16,420	571	305	1	18,890	3.5	669	10-67	36	590	18
21-04-0010	6301988	1348259	5 5 65	18	15,880	557	305	1	19,360	3.5	681	8-67	36	640	25
21-04-0097	6147593	1199324	11 24 62	18	15,226	535	305	3	16,850	3.2	532	11-67	42	740	17
21-04-0121	5924542	1404788	1 2 62	17	17,303	607	305	3	25,396	3.7	948	10-67	34	1351	60
21-04-0124	5680831	1221835	4 2 62	13	15,502	561	297	4	17,785	3.7	657	10-67	44	648	22
21-04-0124	5768228	1404202	11 3 62	13	15,523	567	305	3	18,390	3.3	606	11-67	40	812	12
21-04-0128	5440603	1239886	11 17 61	10	14,790	532	298	4	19,175	3.5	678	10-67	44	710	28
21-04-0130	6444398	1348259	8 5 65	7	16,940	610	305	1	21,790	3.2	694	12-67	36	750	22
21-04-0130	6399870	1348259	10 17 65	17	14,820	534	305	1	19,470	3.9	752	2-68	36	696	31
21-04-0130	5909501	1425454	5 4 63	17	15,720	567	305	2	20,735	3.7	776	1-68	29	815	34
21-04-0146	5972161	1359770	12 2 63	25	14,940	510	289	3	19,193	3.3	641	10-67	42	644	15
21-04-0146	6336664	1329588	2 15 65	23	15,740	539	291	2	19,555	3.3	648	1-68	40	657	18
21-04-0158	6133287	1331428	4 27 64	15	13,865	506	305	2	19,885	3.6	715	11-67	40	669	24
21-04-0168	5021383	1270090	3 3 60	18	12,808	485	261	5	17,092	3.7	639	3-68	38	726	26
21-04-0169	6422409	1278644	10 19 65	28	10,250	372	305	1	14,350	3.6	511	11-67	36	666	16
21-04-0169	6422415	1394348	7 20 65	12	9,750	355	305	1	13,860	3.4	477	8-67	26	646	19
21-04-0231	6318743	1348259	5 13 65	13	11,610	434	305	1	18,160	3.8	681	8-67	36	837	33
21-04-0255	6021085	1278644	8 8 63	14	15,290	549	305	3	20,236	3.4	682	4-68	42	937	22
21-04-0316	5625385	1199324	5 21 62	6	13,926	517	305	3	19,023	3.8	726	5-67	42	1125	41
21-04-0316	5599680	1199324	1 4 62	6	13,517	491	301	4	16,137	3.5	560	6-67	44	845	25
21-04-0348	5856425	1221835	8 31 62	19	15,785	574	305	4	17,565	3.7	658	11-67	44	590	21
21-04-0412	6457656	1285709	4 18 64	20	10,860	391	305	2	15,275	3.6	556	11-67	40	635	20
21-04-0415	5954837	1221835	3 14 63	11	15,553	551	268	3	18,176	3.6	653	11-67	42	675	22
21-04-0619	6396220	1438758	7 26 65	25	15,530	550	296	1	19,310	3.4	649	10-67	33	741	14
21-04-0634	6175779	1283917	9 30 64	18	14,470	533	305	2	18,545	3.7	681	10-67	40	735	16
21-05-0031	6435113	1348259	12 2 65	18	15,470	550	305	1	18,390	3.7	675	12-67	36	595	25
21-05-0031	5551402	1154946	2 9 62	33	14,942	529	297	4	18,117	3.4	624	9-67	44	602	16
21-05-0039	6068025	1368057	5 3 64	37	16,260	563	305	2	22,220	3.4	761	10-67	32	905	30
21-05-0043	6413516	1340669	12 30 64	6	17,265	657	272	2	21,900	3.6	793	4-68	40	781	15
21-05-0043	6507701	1348259	10 12 65	22	17,800	675	305	1	25,300	3.6	900	1-68	36	930	32
21-05-0043	6220381	1239242	8 24 64	17	16,790	616	305	2	19,705	3.5	688	9-67	40	617	18
21-05-0083	5999390	1222994	9 2 63	15	16,930	577	305	2	20,930	3.6	745	1-67	40	784	30

21-05-0094	5834412	1389368	10 24 62	13	13,912	502	302	4	19,017	3.5	662	8-67	40	930	31
21-05-0101	6867811	1270932	9 18 65	22	14,840	557	305	1	20,390	3.7	749	8-67	35	580	16
21-05-0114	6127331	1278644	2 11 64	13	16,330	572	305	1	20,860	3.1	652	9-67	36	743	13
21-05-0114	6474029	1348259	3 5 65	16	16,900	593	305	1	21,340	3.5	748	10-67	36	719	27
21-05-0115	6220317	1259069	10 8 64	19	14,565	498	302	2	18,410	3.8	707	11-67	40	612	25
21-05-0143	5944338	1278644	10 9 63	23	13,280	481	304	1	16,940	3.5	599	6-67	36	655	15
21-05-0143	6360931	1240125	9 21 64	69	13,370	501	305	2	16,500	3.6	593	1-68	40	615	19
21-05-0156	6379580	1278644	5 23 65	57	16,460	574	305	1	21,520	3.1	663	9-67	36	783	14
21-05-0156	5943085	1278644	10 1 63	46	16,786	565	304	3	18,553	3.5	641	1-68	42	588	16
21-05-0156	5878935	1239886	5 4 63	35	15,640	510	305	3	20,893	3.6	758	7-67	42	784	39
21-05-0157	6337354	1221835	5 25 65	14	14,970	562	305	1	23,740	3.3	776	10-67	36	1049	27
21-05-0160	6315775	1278644	8 23 64	16	14,710	531	288	2	20,110	3.1	618	1-68	40	921	15
21-05-0160	6315781	1312008	12 9 64	15	12,850	481	305	1	18,700	3.6	680	8-67	36	590	29
21-05-0160	6108060	1278644	2 1 64	13	14,933	535	305	3	20,116	3.3	655	3-68	42	960	21
21-05-0173	6530796	1348259	9 16 65	12	13,910	493	305	1	17,300	3.5	603	2-68	36	595	22
21-05-0173	6530787	1259069	6 6 65	13	12,830	436	305	1	18,060	3.3	603	10-67	36	610	16
21-05-0175	5784597	1330987	11 11 62	19	15,753	559	305	3	19,620	3.3	655	8-67	42	789	29
21-05-0205	6324507	1223243	11 2 64	5	14,020	495	305	1	18,090	3.1	567	8-67	35	611	16
21-05-0205	6340437	1223243	2 23 65	5	14,050	496	305	1	18,010	3.4	620	9-67	35	603	20
21-05-0226	6413321	1348259	9 17 65	14	15,060	534	305	1	18,140	3.0	538	9-67	36	604	15
21-05-0226	6008265	1278644	9 28 63	13	15,340	525	303	3	17,230	3.6	623	12-67	42	586	18
21-05-0242	6163550	1389471	7 12 64	16	14,880	545	305	2	18,910	3.8	711	12-67	40	668	21
21-05-0242	6080231	1329588	6 6 64	24	14,415	516	305	2	19,575	3.5	679	8-67	40	780	23
21-05-0248	5334877	1154946	11 22 60	18	14,705	516	299	4	18,210	4.0	728	8-67	44	639	30
21-05-0249	6194556	1426737	11 6 64	40	15,360	544	305	1	20,550	3.4	704	9-67	22	626	19
21-05-0249	5877146	1426737	3 29 63	32	15,890	566	305	2	20,970	3.5	732	9-67	28	774	26
21-05-0249	5950273	1426737	11 23 63	38	14,805	526	303	2	18,720	3.5	647	8-67	28	619	20
21-05-0249	6553122	1433929	4 12 65	45	15,680	552	305	1	20,590	3.7	761	10-67	23	584	25
21-05-0250	6616982	1259069	9 23 64	27	16,000	545	280	1	20,610	3.4	696	11-67	36	588	16
21-05-0250	5776432	1222994	12 19 62	23	15,355	515	300	2	18,220	3.6	664	10-66	40	652	28
21-05-0269	5927376	1271810	10 19 63	24	15,290	511	305	3	18,336	3.5	637	1-68	42	723	22
21-05-0269	5997188	1271810	11 30 63	21	15,686	523	305	3	18,200	3.4	615	2-68	42	666	18
21-05-0269	6109779	1271810	7 27 64	21	14,900	469	294	2	17,400	3.6	634	11-67	40	633	24
21-05-0275	5355161	1354372	7 16 60	34	15,341	541	302	6	17,911	3.3	599	2-68	37	693	18
21-05-0276	5743756	1239886	1 27 63	14	17,035	629	305	2	22,610	3.6	821	1-68	40	762	31
21-05-0344	6078171	1329588	5 31 64	6	17,500	650	304	2	20,680	3.7	767	12-67	40	610	20
21-05-0388	6435414	1348259	9 20 65	11	18,300	689	281	1	21,140	3.4	719	9-67	36	610	19
21-05-0388	6435413	1278644	8 31 65	12	18,580	691	296	1	20,930	3.8	792	10-67	36	597	16
21-05-0701	6412826	1278644	5 25 65	17	16,440	564	305	1	21,090	3.5	742	11-67	36	753	21
21-05-0704	5998128	1416888	9 11 63	19	13,405	530	301	2	17,995	3.6	643	10-67	29	767	21
21-05-0704	6201358	1416888	9 1 63	20	13,476	531	301	3	17,486	3.3	573	9-67	32	751	13
21-05-0704	6201360	1416888	2 24 64	15	13,290	520	290	2	19,520	3.4	665	12-67	29	964	25
21-05-0704	6242019	1416888	9 16 64	16	13,665	533	294	2	17,270	3.8	662	11-67	29	651	23
21-05-0764	6229550	1354572	10 29 64	7	14,730	542	305	1	19,940	3.4	683	10-67	26	804	23
21-05-0764	6067404	1199324	4 2 64	5	17,040	624	305	2	17,150	3.5	594	11-67	40	599	16

TABLE 5.—HIGH-RANKING PROGENY OF DHIA Sires: HOLSTEIN—Continued

COW'S LAST HERD CODE	COW'S REGISTRATION NO.	COW'S SIRE REGISTRATION NO.	COW'S BIRTH DATE (Mo.) (Day) (Yr.)	HERDMATES			AVERAGE PRODUCTION OF COW					LAST CALVING		REPEAT- ABILITY (Pct.)	COW INDEX	
				NUM- BER	MILK (Lb.)	FAT (Lb.)	IN MILK (Days)	REC- ORDS	MILK (Lb.)	FAT (Pct.)	FAT (Lb.)	(Mo.) (Yr.)	CAR		MILK	FAT
21-05-0832	5977648	1404955	12 13 63	19	20,730	736	305	2	27,405	3.3	913	5-67		36	790	22
21-05-0832	5977649	1419528	12 14 63	21	20,823	714	296	3	24,350	3.2	768	1-68		39	780	19
21-05-0832	5957885	1412792	11 6 63	23	20,450	700	305	3	25,286	3.6	910	12-67		33	932	38
21-05-0832	5957901	1239886	12 11 63	12	21,165	754	305	2	27,015	3.0	800	5-67		40	832	18
21-05-0832	5957880	1259069	8 6 63	20	20,205	704	305	2	26,665	3.1	831	8-67		40	935	19
21-05-0832	6129463	1240125	5 14 64	21	19,815	706	300	2	22,035	3.5	769	9-67		40	588	18
21-05-0832	6129467	1412792	8 31 64	27	20,035	701	300	2	25,985	3.1	814	11-67		30	988	24
21-05-0878	5958573	1239886	4 12 63	31	13,720	501	298	3	17,896	3.2	581	9-67		42	638	19
21-05-0878	5958574	1239886	9 11 63	33	13,895	514	305	2	19,225	3.9	743	10-67		40	706	34
21-05-0878	5958580	1240125	10 7 63	14	12,375	473	301	2	17,420	3.3	582	7-67		40	799	20
21-05-0878	5958581	1278644	10 18 63	28	14,790	550	305	2	19,745	3.5	685	2-68		40	876	21
21-05-0878	6451529	1348259	11 1 65	25	14,010	528	305	1	17,780	3.8	674	12-67		36	648	26
21-05-0922	6342570	1329063	12 5 64	14	14,700	508	305	1	21,970	3.5	774	6-67		31	682	28
21-06-0043	5435303	1199324	11 23 61	14	17,257	647	305	4	23,352	3.9	916	9-67		44	1320	52
21-06-0043	5439950	1199324	8 12 61	14	16,980	644	305	4	18,400	3.8	692	8-67		44	739	24
21-06-0054	6439836	1348259	11 17 65	13	16,910	570	305	1	19,990	3.0	593	2-68		36	594	17
21-06-0061	6263203	1278644	7 31 64	86	15,095	532	305	2	19,920	3.5	691	9-67		40	866	23
21-06-0061	6015975	1283917	8 15 63	61	15,330	535	303	3	19,966	3.2	641	10-67		42	855	13
21-06-0061	6160068	1330987	11 20 64	53	15,430	538	305	2	19,480	3.4	661	1-68		40	728	30
21-06-0061	6221466	1199324	12 9 64	87	13,710	481	305	1	17,820	3.4	608	7-67		36	895	28
21-06-0061	5861725	1199324	7 11 63	51	14,500	504	305	1	20,030	3.2	639	12-67		36	1006	29
21-06-0070	6142201	1199324	8 15 64	43	15,900	568	305	2	16,320	4.0	659	9-67		40	619	27
21-06-0080	6173556	1221835	7 12 64	15	13,590	535	305	1	19,570	3.5	687	7-67		36	831	22
21-06-0166	5849376	1400388	7 31 62	15	14,770	517	305	3	18,346	3.4	625	11-67		32	582	16
21-06-0166	5988188	1400388	11 3 63	20	14,993	533	305	3	18,926	3.3	632	10-67		32	634	15
21-06-0166	5882199	1400388	10 5 62	23	14,885	527	299	4	19,215	3.4	649	9-67		33	725	20
21-06-0183	6417204	1221835	8 22 65	32	14,830	539	305	1	21,550	3.5	764	11-67		36	895	27
21-06-0210	6095101	1240125	3 10 64	19	13,950	506	303	2	16,675	3.7	609	10-67		40	580	20
21-06-0231	6387737	1438758	10 16 65	11	16,850	588	305	1	22,480	3.1	689	11-67		33	897	14
21-06-0231	6387734	1417208	8 10 65	6	16,090	558	305	1	19,390	3.3	637	8-67		35	613	22
21-06-0256	5514102	1348259	9 2 61	17	16,316	587	303	5	19,126	3.7	707	11-67		44	718	30
21-06-0277	6159126	1330987	6 20 64	10	14,035	494	305	2	17,320	3.5	614	8-67		40	668	30
21-06-0291	6176532	1394348	3 1 64	30	16,615	583	296	2	21,705	3.5	753	12-67		32	825	26
21-06-0291	6176529	1329588	1 3 64	29	16,275	556	305	2	23,990	3.0	715	7-67		40	1058	23
21-06-0291	6422407	1273756	10 2 65	35	16,680	567	305	1	20,720	3.6	741	11-67		36	714	32
21-06-0293	6217998	1221835	11 3 64	22	14,040	490	305	2	19,405	3.3	637	10-67		40	912	25
21-06-0387	5958253	1283917	5 10 63	19	14,600	497	298	3	18,033	3.5	633	9-67		42	708	16
21-06-0394	5710102	1259069	11 13 62	8	15,370	555	305	3	18,993	3.6	675	6-67		42	642	18
21-06-0420	6280356	1239886	3 20 65	24	16,120	564	305	1	22,240	3.5	772	8-67		36	646	27
21-06-0422	6296881	1278644	4 4 65	26	16,450	615	305	1	19,430	4.0	780	1-68		36	628	20
21-06-0422	6355013	1278644	7 6 65	34	15,960	586	305	1	22,860	3.3	743	11-67		36	917	19
21-06-0497	6264411	1239886	8 12 64	20	15,345	539	305	2	21,930	3.5	758	12-67		40	848	33
21-06-0497	6015530	1348259	9 18 65	22	15,660	544	305	1	20,900	3.1	639	11-67		36	769	22
21-06-0565	6276474	1300014	7 12 64	33	16,375	589	305	2	20,310	3.1	626	1-68		40	738	7
21-06-0565	5693531	1313490	9 24 61	29	15,723	563	305	3	19,756	3.6	710	10-67		42	701	22

21-06-0594	6181048	1312008	5	7	64	17	12,690	455	305	1	18,730	3.8	706	2-68	36	603	32
21-06-0615	6263211	1389471	7	31	64	8	15,805	538	305	2	19,420	3.7	709	4-68	40	615	21
21-06-0653	5652769	1259069	9	29	62	5	16,750	555	305	1	21,190	3.3	691	12-67	36	581	15
21-06-0653	6452756	1348259	10	12	65	7	15,050	518	305	1	18,630	3.6	664	3-68	36	618	25
21-06-0660	6426064	1278644	8	15	65	40	16,670	557	305	1	20,820	3.6	746	9-67	36	717	21
21-06-0660	6344851	1399197	2	23	65	40	16,650	558	305	1	21,680	3.2	698	9-67	26	820	27
21-06-0660	6382048	1282185	6	7	65	31	16,230	559	300	1	22,850	3.6	821	11-67	36	638	22
21-06-0660	6120063	1389471	1	30	64	32	15,495	530	305	2	19,655	3.3	651	8-67	40	688	16
21-06-0747	6198110	1221835	10	30	64	15	14,930	542	305	1	22,900	3.6	828	9-67	36	989	32
21-06-0791	5949879	1283917	10	26	63	21	15,395	539	305	2	20,385	3.5	716	12-67	40	838	19
21-06-0846	5915500	1408080	8	1	63	25	14,173	495	305	3	16,883	3.5	586	7-67	38	619	16
21-06-0846	6434029	1348259	10	20	65	34	14,130	509	305	1	17,820	3.3	586	9-67	36	642	21
21-06-0846	6399195	1223243	5	4	65	41	14,730	528	305	1	19,880	3.8	765	10-67	35	698	28
21-06-0846	6399206	1348259	8	27	65	22	13,110	463	293	1	17,070	3.7	627	8-67	35	662	26
21-06-0893	5790913	1300014	9	24	62	29	12,483	445	305	3	16,600	3.4	566	7-67	42	761	15
21-06-0893	6676299	1300014	6	11	65	19	12,310	436	305	1	18,220	3.1	573	12-67	36	762	12
21-06-0919	5975250	1419528	12	7	63	14	15,410	533	305	2	20,840	3.4	709	11-67	36	913	30
21-06-0995	6333002	1240125	3	1	65	8	15,560	589	305	1	17,180	3.8	722	6-67	36	604	21
21-07-0007	5271051	1221835	12	21	60	47	13,492	484	289	5	16,562	3.5	580	9-67	44	733	22
21-07-0007	6205698	1438006	11	24	64	36	11,850	423	305	1	15,590	3.7	579	7-67	31	636	31
21-07-0007	6205699	1285709	11	26	64	36	11,800	422	305	1	17,390	3.6	626	7-67	35	634	19
21-07-0007	6226796	1240125	10	10	64	35	11,780	423	305	1	15,620	3.4	531	7-67	36	593	18
21-07-0012	6067731	1389471	1	3	64	31	14,786	535	296	3	18,886	3.5	664	1-68	42	708	19
21-07-0012	5876028	1404202	2	14	63	14	15,253	552	302	3	18,816	3.3	630	5-67	40	892	17
21-07-0014	6128811	1411026	9	18	64	41	17,510	634	305	2	22,200	3.5	774	12-67	40	645	24
21-07-0085	6090392	1240125	2	2	64	17	15,900	547	302	3	20,020	3.3	661	3-68	42	790	23
21-07-0085	5918851	1419528	10	4	63	34	15,786	560	300	3	18,536	3.3	614	11-67	39	661	18
21-07-0085	6359875	1348259	8	12	65	13	15,190	517	305	1	20,880	3.2	668	4-68	36	776	26
21-07-0085	6572838	1278644	12	19	65	27	14,700	499	301	1	18,740	3.4	642	1-68	36	694	17
21-07-0089	6318550	1221835	4	11	65	6	13,370	471	305	1	17,670	3.3	588	10-67	36	704	19
21-07-0433	5615496	1240125	4	18	62	13	14,432	525	299	4	18,755	3.5	663	8-67	44	827	26
21-07-0433	6021108	1278644	1	22	64	22	13,645	505	304	2	18,595	3.6	664	6-67	40	864	22
21-07-0433	6145536	1278644	9	3	64	20	15,340	567	300	2	18,065	3.7	673	1-68	40	656	18
21-07-0433	4995672	1222994	11	18	59	21	14,178	519	302	6	17,276	3.6	627	4-67	44	728	26
21-07-0433	5061400	1222994	11	30	59	19	14,760	536	303	5	17,728	3.6	634	11-66	44	719	25
21-07-0434	5657540	1215958	1	17	62	21	15,060	520	305	3	17,843	3.3	582	7-67	41	617	16
21-07-0573	6314972	1330987	2	2	64	15	13,590	498	295	2	16,665	3.7	613	12-67	40	642	29
21-07-0699	6027441	1278644	1	13	64	26	14,320	519	305	2	17,240	3.5	600	12-67	40	665	15
21-07-0699	6027437	1278644	10	9	63	28	14,530	516	305	2	18,365	3.4	594	9-67	40	760	15
21-07-0708	6731735	1348259	8	27	65	21	14,750	533	305	1	19,260	3.5	675	3-68	36	685	24
21-07-0708	5744966	1239886	10	8	62	20	15,055	553	305	2	19,490	3.5	674	10-67	40	627	23
21-08-0020	5810186	1239886	4	22	63	46	15,420	554	287	3	19,853	3.1	623	10-67	42	687	18
21-08-0020	6144718	1294703	7	26	64	38	15,950	580	305	2	20,995	3.4	705	11-67	40	949	23
21-08-0024	5924620	1278644	9	6	63	17	15,135	530	305	2	18,800	3.5	666	7-67	40	749	20
21-08-0060	6129106	1270932	9	9	63	24	15,606	529	305	3	19,600	3.5	681	2-68	42	625	19

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TABLE 5.—HIGH-RANKING PROGENY OF DHIA Sires: HOLSTEIN—Continued

COW'S LAST HERD CODE	COW'S REGISTRATION NO.	COW'S SIRE REGISTRATION NO.	COW'S BIRTH DATE (Mo.) (Day) (Yr.)	HERDMATES			AVERAGE PRODUCTION OF COW					LAST CALVING		REPEAT- ABILITY (P _{CL})		COW INDEX	
				NUM- BER	MILK (Lb.)	FAT (Lb.)	IN MILK (Days)	REC- ORDS	MILK (Lb.)	FAT (P _{CL})	FAT (Lb.)	(Mo.) (Yr.)	CAR			MILK	FAT
21-08-0066	6337316	1348259	5 19 65	16	13,540	476	305	1	18,600	3.5	654	8-67		35		749	27
21-08-0066	6437118	1348259	10 11 65	31	14,630	513	299	1	18,140	3.5	637	11-67		36		633	24
21-08-0100	6337134	1278644	10 2 64	26	14,390	513	302	2	17,465	3.7	639	9-67		40		682	19
21-08-0117	6214253	1221835	11 20 64	12	13,810	492	305	1	16,670	3.6	601	10-67		36		600	18
21-08-0152	5920247	1199324	10 9 63	54	15,810	558	305	2	19,300	3.6	688	11-67		40		929	31
21-08-0152	6073537	1416771	1 8 64	45	15,515	536	301	2	22,180	3.5	766	10-67		29		946	36
21-08-0154	5761514	1239886	8 18 62	6	14,845	496	285	2	18,905	3.4	648	4-67		40		586	26
21-08-0154	5702537	1239886	8 20 62	16	15,810	538	305	2	20,010	3.2	643	2-67		40		611	22
21-08-0154	5702536	1199324	8 26 62	20	15,780	546	295	3	18,523	3.4	623	11-67		42		875	26
21-08-0185	5730765	1372874	8 16 62	45	16,525	599	305	2	20,735	3.4	704	10-67		38		862	17
21-08-0185	6349246	1278644	8 29 64	45	17,200	630	305	1	22,550	3.5	780	9-67		36		810	19
21-08-0222	5394443	1362225	8 13 61	10	17,130	614	304	5	19,964	3.5	703	1-68		38		637	19
21-08-0230	6414811	1348259	9 14 65	19	18,460	652	305	1	26,420	3.5	915	11-67		36		993	36
21-08-0230	6414808	1348259	5 29 65	19	18,460	652	305	1	22,730	3.5	792	11-67		36		718	26
21-08-0230	6261654	1239886	9 25 64	13	18,800	660	301	2	22,665	3.5	787	12-67		40		607	25
21-08-0247	6325256	1464777	8 15 64	15	12,895	457	292	2	16,545	3.4	568	10-67		29		662	20
21-08-0247	6537138	1464777	8 16 64	11	12,850	446	305	2	16,740	3.6	606	12-67		29		690	26
21-08-0247	6632174	1464777	1 28 65	12	12,905	443	305	2	16,165	3.2	516	12-67		29		614	15
21-08-0344	6438628	1417208	5 7 65	6	14,660	529	305	1	18,040	3.1	568	10-67		35		613	18
21-08-0344	6224705	1417208	2 1 65	6	14,660	529	305	1	17,630	3.3	588	10-67		35		582	20
21-08-0347	5972410	1278644	9 21 63	35	14,975	538	305	2	19,175	3.5	672	10-67		40		802	20
21-08-0355	5961022	1221835	11 28 63	6	14,315	538	286	2	16,920	3.5	598	3-67		40		634	16
21-08-0355	6485966	1221835	9 14 65	7	12,680	455	305	1	16,050	3.6	573	10-67		36		629	19
21-08-0388	6016599	1239886	8 22 63	14	13,525	448	305	2	19,035	3.2	615	5-67		40		720	27
21-08-0404	5982589	1278644	12 20 63	27	17,315	593	303	2	23,560	3.1	741	8-67		40		1033	22
21-08-0404	6440198	1348259	7 30 65	21	16,720	574	305	1	20,870	3.6	742	8-67		35		704	27
21-08-0404	6440199	1348259	9 15 65	15	16,100	572	285	1	19,270	3.6	694	1-68		36		618	25
21-08-0404	6440201	1348259	11 6 65	23	16,650	594	305	1	20,130	3.5	696	12-67		36		646	23
21-08-0404	6424696	1348259	3 14 65	14	16,765	598	305	2	21,715	3.7	809	2-68		40		853	36
21-08-0408	6401996	1389471	9 22 65	20	15,310	551	305	1	20,240	3.6	731	10-67		35		645	18
21-08-0408	6401995	1423748	10 16 65	12	14,620	521	305	1	20,360	3.5	703	10-67		23		638	20
21-08-0419	6104771	1278644	11 12 63	8	16,220	577	305	2	23,255	3.3	757	2-68		40		1102	25
21-08-0441	5772474	1240125	12 16 62	9	14,433	539	212	3	17,173	3.7	633	6-67	B	42		614	21
21-08-0452	5768392	1259069	9 6 62	37	16,596	594	305	3	20,766	3.8	792	11-67		42		719	28
21-08-0452	6125194	1199324	3 21 64	33	13,085	461	290	2	13,775	3.2	438	6-67		40		618	15
21-08-0452	6339452	1348259	4 28 65	36	14,050	492	305	1	18,710	3.6	669	5-67		35		722	27
21-08-0481	5740720	1222994	2 3 63	13	12,030	431	295	3	15,760	3.2	509	4-67		42		744	20
21-08-0484	6298795	1278644	1 5 65	27	16,075	545	302	2	19,505	3.1	608	3-68		40		735	13
21-08-0484	6192027	1312008	8 1 64	33	15,805	536	305	2	20,345	3.4	685	2-68		40		633	29
21-08-0484	6192025	1278644	8 16 64	21	15,940	547	305	2	20,555	3.1	643	4-68		40		854	17
21-08-0486	6535182	1348259	6 11 65	16	17,520	630	294	1	21,460	3.6	779	9-67		36		686	27
21-08-0581	5769149	1240125	12 12 62	59	15,183	523	304	3	18,150	3.3	600	12-67		42		649	18
21-08-0581	5982219	1199324	11 17 63	67	15,156	528	281	3	15,760	3.2	509	10-67		42		622	16
21-08-0587	5957249	1340669	11 25 63	25	12,890	449	305	2	18,060	3.0	545	11-67		40		790	9
21-08-0605	5320515	1348259	2 13 61	27	15,052	505	305	4	23,307	3.5	808	9-67		44		1362	51

21-08-0629	6609163	1278644	12	6	64	28	17,300	638	305	2	20,835	3.4	717	1-68	40	758	16
21-08-0663	5781262	255163C	12	12	59	14	14,064	522	299	5	19,964	3.9	783	7-67	43	760	45
21-08-0685	5400842	1199324	10	29	60	11	9,410	340	305	5	11,450	3.6	411	10-67	44	725	24
21-08-0688	6377430	1348259	5	19	65	10	11,720	420	305	1	19,320	3.4	664	10-67	36	916	32
21-08-0701	6440105	1348259	7	26	65	22	17,440	574	288	1	22,240	3.2	707	11-67	36	750	25
21-08-0705	5477794	1285401	2	26	61	16	15,340	547	302	4	20,510	3.4	688	3-68	36	897	22
21-08-0709	6345264	1348259	7	26	65	8	12,350	384	305	1	16,050	3.7	601	8-67	35	637	29
21-08-0731	6226004	1312008	12	13	64	17	15,730	528	305	1	23,420	3.4	794	10-67	36	769	34
21-08-0766	6181738	1417208	10	20	64	59	15,570	523	286	2	18,035	3.2	572	11-67	40	601	19
21-08-0766	6425005	1417208	10	23	65	47	15,430	518	305	1	20,890	3.0	629	9-67	35	776	23
21-08-0766	6425002	1417208	10	4	65	49	15,560	520	305	1	23,180	3.2	751	11-67	35	940	32
21-08-0767	6205343	1240125	11	20	64	26	14,150	508	305	1	22,220	3.4	759	6-67	36	925	29
21-08-0767	6334006	1278644	3	1	65	16	16,340	615	305	1	19,700	3.7	722	4-68	36	656	16
21-08-0767	6586702	1389471	11	14	65	21	16,170	607	305	1	21,670	3.8	824	3-68	35	674	21
21-08-0781	6701778	1348259	8	22	65	31	16,530	579	305	1	19,510	3.6	700	10-67	36	607	25
21-08-0781	5860170	1199324	1	24	63	28	15,433	534	290	3	16,280	3.2	520	10-67	42	653	16
21-08-0781	5471819	1239886	4	9	61	29	15,556	533	305	3	19,126	3.6	682	10-67	42	590	27
21-08-0781	5433720	1240125	11	18	61	29	15,486	536	289	3	17,980	3.3	595	10-67	42	598	17
21-08-0781	5939219	1199324	2	12	63	26	15,466	535	304	3	18,350	3.6	665	9-67	42	888	32
21-08-0803	6257235	1221835	11	22	64	16	13,320	447	294	2	18,780	3.4	638	11-67	40	914	29
21-08-0848	5724376	1298717	12	24	62	12	13,026	477	301	3	17,250	3.6	622	9-67	37	756	27
21-08-0863	5871258	1244009	7	5	63	24	14,010	498	305	2	20,005	3.2	644	11-67	40	1018	24
21-08-0868	6041883	1239886	11	20	63	17	14,290	498	305	2	18,680	3.5	657	5-67	40	614	27
21-08-0899	6314491	1298717	5	5	65	30	15,400	567	305	1	20,170	3.4	676	9-67	29	667	19
21-08-0901	6435619	1348259	9	10	65	8	15,170	550	305	1	19,070	3.8	727	11-67	36	666	28
21-08-0949	6018808	1412259	1	11	64	13	16,895	599	305	2	20,575	3.5	718	6-67	30	601	19
21-08-0959	6272643	1239242	10	18	64	26	13,180	447	305	1	16,870	3.1	525	10-67	36	580	16
21-09-0025	6491139	1447750	11	25	65	19	19,510	728	305	1	26,730	3.3	876	2-68	24	1059	25
21-09-0053	5554660	1239886	11	10	61	16	14,395	517	278	2	22,045	3.2	715	7-67	40	946	31
21-09-0053	6150106	1278644	2	3	64	26	15,435	555	244	2	19,940	3.7	738	9-67	40	837	25
21-09-0107	5784483	1278644	3	1	63	12	17,500	625	305	3	22,246	3.6	790	7-67	42	939	27
21-09-0193	6504807	1278644	10	30	65	9	16,650	606	305	1	20,200	3.5	712	10-67	36	672	16
21-09-0230	5763645	1221835	8	4	62	7	14,350	514	294	4	16,617	3.6	602	9-67	44	632	20
21-09-0230	6575832	1221835	12	20	64	7	14,315	538	297	2	17,340	3.4	589	11-67	40	677	16
21-09-0530	6103070	1278644	3	23	64	30	18,180	667	305	2	23,375	3.6	843	11-67	40	935	26
21-09-0530	6064820	1221835	1	17	64	35	17,460	646	305	2	21,000	3.6	765	9-67	40	761	24
21-09-0548	6496112	1278644	9	25	65	30	13,470	520	305	1	17,520	3.7	653	8-67	36	686	17
21-09-0699	5983642	1278644	10	2	63	30	13,990	512	305	2	17,680	3.4	595	11-67	40	740	15
21-09-0999	6128828	1427708	8	5	64	25	15,850	608	305	2	22,270	3.3	730	8-67	29	948	21
21-09-0999	6127727	1427708	7	20	64	39	16,180	623	305	2	20,210	4.1	819	9-67	30	694	32
21-09-0999	6127729	1427708	7	27	64	34	16,000	618	305	2	19,085	3.6	696	10-67	30	580	18
21-09-0999	6127728	1427708	7	27	64	25	15,850	608	305	2	19,550	3.5	686	8-67	29	623	16
21-09-0999	6128831	1427708	9	1	64	25	15,850	608	305	2	20,050	4.0	793	8-67	29	683	29
21-09-0999	6193842	1406649	10	8	64	32	15,665	612	305	2	19,050	3.8	715	11-67	30	615	26
21-09-0999	6193835	1294703	9	20	64	47	16,410	636	289	2	18,845	3.6	679	9-67	40	688	15

TABLE 5.—HIGH-RANKING PROGENY OF DHIA SIRE: HOLSTEIN—Continued

COW'S LAST HERD CODE	COW'S REGISTRATION NO.	COW'S SIRE REGISTRATION NO.	COW'S BIRTH DATE (Mo.) (Day) (Yr.)	HERDMATES			AVERAGE PRODUCTION OF COW				LAST CALVING		REPEAT- ABILITY (r_{ct})	COW INDEX	
				NUM- BER	MILK (Lb.)	FAT (Lb.)	IN MILK (Days)	REC- ORDS	MILK (Lb.)	FAT (Pct.)	(Mo.) (Yr.)	CAR		MILK	FAT
21-09-0999	5862457	1406649	7 3 63	34	15,780	597	302	3	21,780	3.7	809	11-67	33	1011	42
21-09-0999	5833700	1221835	1 14 63	42	16,133	612	304	3	18,523	3.5	657	10-67	42	655	16
21-10-0022	6622879	1221835	11 28 65	51	15,290	580	305	1	19,940	3.5	689	11-67	36	744	19
21-10-0022	6023911	1278644	2 11 64	29	17,603	684	296	3	21,136	3.6	754	4-68	42	801	16
21-10-0022	6409422	1348259	8 5 65	40	16,060	607	289	1	20,070	4.0	806	12-67	36	681	31
21-10-0022	6409429	1221835	10 26 65	51	15,290	580	305	1	18,680	4.2	782	11-67	36	650	26
21-10-0022	5232545	1221835	12 7 60	37	16,336	601	301	5	20,598	3.7	772	12-67	44	924	33
21-10-0022	6315079	1348259	6 11 65	37	14,220	550	301	1	18,370	4.0	734	8-67	35	685	28
21-10-0022	6315078	1348259	4 3 65	33	15,300	576	305	1	18,970	3.5	666	5-67	35	657	21
21-10-0023	6354085	1270932	9 14 63	27	16,163	579	305	3	20,226	3.5	717	1-68	42	640	18
21-10-0024	5476488	1309574	10 18 61	11	14,658	569	304	5	18,328	3.8	704	4-68	43	664	29
21-10-0049	5849649	1221835	4 2 63	10	15,860	570	298	3	18,180	3.6	647	6-67	42	643	20
21-10-0067	5708345	1222994	12 14 62	31	15,403	554	304	3	18,323	3.6	653	8-67	42	689	24
21-10-0067	5236974	1010936	12 21 60	31	15,982	577	305	5	20,732	3.6	756	11-67	44	821	34
21-10-0067	5399332	1010936	9 2 61	33	14,500	521	305	2	19,295	3.6	701	8-67	40	687	29
21-10-0067	4774349	1060259	12 19 58	23	16,270	584	302	6	20,230	3.4	680	1-68	44	899	22
21-10-0067	4675304	1087974	10 3 58	31	16,391	592	305	7	20,758	3.7	772	9-67	44	940	37
21-10-0067	6305451	1271075	4 6 65	26	13,320	490	305	1	16,860	3.3	562	8-67	35	750	22
21-10-0074	6287906	1312008	2 25 65	16	18,780	653	305	1	26,320	3.4	884	11-67	36	760	32
21-10-0074	5983429	1239886	11 12 63	13	18,870	662	305	1	24,110	3.3	784	12-67	36	601	21
21-10-0074	6148968	1278644	10 4 64	10	17,230	608	305	2	21,760	3.3	714	11-67	40	858	18
21-10-0086	6184401	1393997	9 7 64	37	18,395	662	305	2	21,515	3.9	837	3-68	35	681	38
21-10-0086	6184405	1393997	12 21 64	14	16,660	657	305	1	19,520	3.8	749	7-67	29	605	27
21-10-0086	6184396	1393997	7 12 64	46	18,105	652	305	2	24,745	3.3	805	1-68	35	1063	35
21-10-0086	5929618	1244009	12 6 63	59	17,045	617	305	2	22,995	3.2	745	9-67	40	1044	24
21-10-0086	5725629	1259069	11 1 62	60	17,507	631	297	4	22,792	3.1	712	10-67	44	900	15
21-10-0116	5884762	1221835	5 30 62	36	17,875	674	290	4	20,667	3.7	763	11-67	44	740	23
21-10-0144	5885685	1404322	10 3 63	10	15,840	635	305	1	21,770	3.4	744	5-67	25	844	23
21-10-0144	6419370	1348259	10 16 65	28	16,120	615	305	1	23,210	3.6	824	10-67	36	911	31
21-10-0146	4792962	1060259	12 30 58	23	14,720	550	290	2	18,485	3.7	686	10-67	40	772	24
21-10-0186	6534132	1278644	11 14 65	8	17,670	710	305	1	22,010	3.6	802	12-67	36	739	15
21-10-0186	5836630	1278644	3 21 63	6	16,496	593	305	3	20,840	3.8	794	6-67	42	882	31
21-10-0201	6531331	1348259	6 18 65	10	14,280	484	305	1	18,900	3.2	608	7-67	35	721	23
21-10-0203	5946566	1371179	11 13 61	25	15,487	570	297	4	18,780	3.9	737	10-67	37	648	33
21-10-0203	5944880	1244009	11 28 63	25	16,656	628	291	3	20,030	3.3	670	12-67	42	814	15
21-10-0203	6172852	1393997	12 17 64	25	16,405	622	305	2	20,210	4.2	847	2-68	35	734	43
21-10-0203	6161085	1393997	8 14 64	33	15,810	597	299	2	18,315	4.0	727	11-67	35	586	32
21-10-0203	6113422	1393997	7 5 64	30	15,890	602	305	2	22,560	3.5	797	12-67	35	1049	39
21-10-0207	6440852	1301864	8 9 65	25	16,340	620	302	1	21,240	3.8	808	9-67	35	653	29
21-10-0207	5199970	1154946	4 9 60	12	15,520	582	297	6	18,413	3.8	696	11-67	44	588	20
21-10-0213	5395390	1364653	3 1 61	17	15,150	528	301	5	19,734	3.4	675	11-67	43	832	22
21-10-0221	5938412	1199324	12 4 63	40	16,715	618	305	2	21,925	3.6	800	12-67	40	1113	37
21-10-0221	5896835	1394824	10 22 63	21	17,415	612	305	2	22,720	3.6	815	5-67	33	812	29
21-10-0221	5828800	1222994	11 10 62	47	16,925	608	305	2	19,590	3.5	676	10-66	40	648	20
21-10-0230	6583776	1348259	8 3 65	60	13,470	483	305	1	18,310	3.5	650	9-67	36	723	27

21-10-0230	6583780	1389471	4 12 65	52	13,270	477	305	1	18,790	3.4	645	8-67	35	674	16
21-10-0230	6758323	1348259	5 8 65	17	13,080	469	305	1	18,810	3.6	668	8-67	35	796	29
21-10-0230	5958601	1281628	10 20 62	45	14,812	519	302	4	19,915	3.4	675	12-67	43	785	20
21-10-0230	6348177	1259069	9 2 64	25	14,190	506	305	2	20,375	3.5	719	2-68	40	846	26
21-10-0236	5924924	1239886	10 17 63	25	17,050	661	305	2	21,900	3.3	715	5-67	40	689	18
21-10-0236	6160526	1278644	10 22 64	28	16,155	630	270	2	20,650	3.4	712	12-67	40	844	16
21-10-0256	6329763	1348259	5 4 65	39	13,130	474	305	1	17,820	3.4	613	8-67	36	710	25
21-10-0256	5677703	1372874	12 3 62	20	14,266	527	304	3	17,700	3.5	627	1-68	41	791	17
21-10-0291	5461690	1348659	8 1 61	7	16,606	579	267	3	18,613	3.6	664	2-67	42	604	23
21-10-0318	6080048	1309574	4 15 64	8	13,935	508	305	2	18,315	3.9	707	10-67	38	723	35
21-10-0471	6051133	1312008	2 2 64	45	16,495	634	305	2	21,105	3.3	697	12-67	40	647	21
21-10-0471	6374166	1348259	9 10 65	32	17,860	682	305	1	20,750	4.1	845	1-68	36	587	28
21-10-0590	5399222	1367014	8 24 61	18	18,152	699	305	4	24,060	3.7	880	6-67	35	954	30
21-10-0590	5862459	1406649	7 25 63	19	15,946	613	305	3	20,883	4.2	879	4-68	33	871	50
21-10-0594	5234559	1221835	10 21 60	26	13,798	493	298	5	17,506	3.3	580	10-67	44	819	21
21-10-0594	6019458	1278644	1 2 64	32	14,635	520	305	2	19,810	3.1	609	11-67	40	897	16
21-10-0608	6530072	1348259	12 23 65	29	14,680	550	305	1	21,840	3.5	774	1-68	36	882	31
21-10-0608	5567182	1382546	4 9 62	30	14,332	528	289	4	17,977	3.8	687	1-68	35	755	29
21-10-0723	5780349	1353009	10 10 62	35	16,307	623	303	4	19,640	3.6	711	1-68	37	719	20
21-10-0723	5917450	1199324	2 18 63	34	16,560	619	305	3	18,726	3.7	692	12-67	42	818	27
21-10-0723	6178835	1340669	7 7 64	61	16,175	618	305	2	21,940	3.5	773	10-67	40	884	17
21-10-0727	6404719	1278644	12 13 63	27	15,345	572	305	2	20,155	3.5	709	10-67	40	867	21
21-10-0912	6442871	1348259	11 22 65	68	14,610	542	305	1	18,580	4.1	757	11-67	36	667	32
21-10-0912	6442869	1348259	9 23 65	79	15,000	529	305	1	18,260	3.9	706	12-67	36	593	27
21-10-0928	6425700	1348259	7 31 65	12	19,960	798	305	1	24,810	3.8	938	9-67	36	772	28
21-10-0931	5909403	1404822	11 2 63	9	15,660	569	305	2	18,750	3.7	692	1-68	30	667	26
21-10-0931	5909405	1404822	11 11 63	17	15,325	563	305	2	19,820	4.1	821	10-67	30	828	42
21-10-0978	5567780	1221835	2 9 62	19	17,403	635	305	3	21,316	3.7	795	6-67	42	844	30
21-10-0978	6264830	1239242	1 19 64	17	16,915	629	305	2	21,305	3.8	819	12-67	40	768	30
21-11-0010	5455087	1221835	10 30 61	9	15,273	541	266	3	17,210	3.5	608	12-67	42	593	18
21-11-0036	5507723	1370477	3 10 61	13	15,725	563	305	4	19,960	3.5	707	10-66	36	879	30
21-11-0036	5597084	1370477	11 2 61	14	16,332	581	304	4	18,635	3.4	627	11-66	36	617	16
21-11-0036	5858345	1372874	10 27 62	16	16,292	581	256	4	18,947	3.1	596	11-67	42	765	8
21-11-0036	6177210	1199324	1 10 64	16	16,393	583	247	3	16,950	3.6	617	12-67	42	631	22
21-11-0050	6508499	1348259	11 16 65	16	15,930	554	303	1	20,480	3.3	674	12-67	36	720	24
21-11-0052	6499184	1221835	7 1 65	22	16,700	617	305	1	19,820	3.7	739	11-67	36	641	20
21-11-0056	5567628	1353834	5 28 61	22	14,060	505	296	4	17,917	3.6	648	8-67	35	634	21
21-11-0082	5639712	1221835	8 11 62	26	15,965	588	292	4	17,712	3.8	676	1-68	44	588	21
21-11-0082	5931951	1389471	11 28 63	26	16,630	616	297	2	22,840	3.5	802	11-67	40	909	24
21-11-0082	5983795	1312008	12 24 63	27	16,463	600	305	3	22,646	3.1	708	12-67	42	888	26
21-11-0095	6135942	1278644	9 24 64	35	18,560	663	305	2	21,255	3.5	739	11-67	40	685	16
21-11-0095	6100072	1240125	6 26 64	35	18,700	667	305	2	22,730	3.5	802	11-67	40	761	25
21-11-0095	6369216	1348259	5 30 65	13	15,810	561	305	1	19,640	3.5	693	7-67	35	673	24
21-11-0099	5976602	1239886	8 11 63	38	15,570	569	305	3	19,626	3.5	684	7-67	42	646	24
21-11-0099	6434132	1348259	8 15 65	49	15,640	568	305	1	21,430	3.6	775	10-67	36	810	31

TABLE 5.—HIGH-RANKING PROGENY OF DHIA SIRES: HOLSTEIN—Continued

COW'S LAST HERD CODE	COW'S REGISTRATION NO.	COW'S SIRE REGISTRATION NO.	COW'S BIRTH DATE (Mo.) (Day) (Yr.)	HERDMATES			AVERAGE PRODUCTION OF COW				LAST CALVING		REPEAT- ABILITY (Pct.)	COW INDEX	
				NUM- BER	MILK (Lb.)	FAT (Lb.)	IN MILK (Days)	REC- ORDS	MILK (Lb.)	FAT (Pct.)	(Mo.) (Yr.)	CAR		MILK	FAT
21-11-0099	6434133	1348259	8 17 65	25	15,330	559	305	1	21,380	3.4	733	8-67	35	833	27
21-11-0101	5980488	1278644	8 10 63	49	16,403	585	303	3	20,333	3.2	648	11-67	42	833	15
21-11-0105	6443265	1278644	11 9 65	8	14,360	505	305	1	18,330	3.4	620	10-67	36	686	15
21-11-0112	6215684	1389471	10 20 64	18	14,090	519	305	2	19,585	3.4	675	11-67	40	773	20
21-11-0112	6598383	1348259	8 5 65	22	14,090	505	305	1	18,260	3.7	668	12-67	36	654	26
21-11-0121	6103346	1221835	9 1 63	24	16,656	610	305	3	23,343	3.4	791	10-67	42	1155	32
21-11-0121	6406788	1438758	9 24 65	25	17,600	652	279	1	19,650	4.2	820	10-67	33	620	20
21-11-0124	5368608	1060259	8 26 59	35	13,720	474	287	7	17,115	3.3	568	12-67	44	793	21
21-11-0161	5961653	1239886	11 8 63	8	14,890	555	305	1	20,780	3.5	722	4-67	36	626	24
21-11-0178	6391445	1294703	12 24 64	15	14,990	544	305	1	20,460	3.1	641	8-67	35	860	18
21-11-0178	6190919	1294703	8 3 64	18	15,485	566	305	2	21,290	3.5	751	11-67	40	1022	29
21-11-0178	6190920	1294703	8 14 64	22	15,325	566	305	2	17,245	3.7	633	10-67	40	624	17
21-11-0178	6190921	1294703	9 2 64	17	15,390	564	290	2	17,620	3.9	688	12-67	40	657	23
21-11-0178	5768001	1239886	11 14 62	11	15,183	543	305	3	19,926	3.7	741	5-67	42	720	33
21-11-0178	6371601	1294703	12 15 64	12	14,630	536	305	1	19,950	3.4	680	6-67	35	846	22
21-11-0190	6528739	1438758	11 15 65	18	14,250	556	298	1	19,710	3.1	620	11-67	33	863	11
21-11-0211	6566879	1348259	1 12 66	24	15,030	535	305	1	19,290	3.7	716	2-68	36	668	28
21-11-0253	6366683	1427708	7 28 65	58	15,380	546	305	1	20,680	3.3	684	9-67	24	685	21
21-11-0253	6382049	1308091	7 3 65	21	13,970	472	300	1	18,770	3.4	631	7-67	29	672	20
21-11-0253	6307283	1308091	2 14 65	21	13,970	472	302	1	19,830	3.2	637	7-67	29	760	20
21-11-0261	6168203	1239242	11 23 64	13	15,390	546	305	1	19,350	3.6	691	9-67	36	616	21
21-11-0268	6402072	1348259	10 30 65	26	15,760	576	305	1	19,220	3.8	723	12-67	36	615	26
21-11-0268	6402075	1259069	11 8 65	24	15,980	574	305	1	20,930	3.5	727	1-68	36	613	16
21-11-0268	6402070	1348259	10 23 65	26	15,740	576	305	1	19,000	3.5	661	12-67	36	599	21
21-11-0284	6425653	1221835	10 1 65	9	13,170	477	301	1	16,460	3.5	581	11-67	36	627	18
21-11-0284	5981598	1278644	8 30 63	35	13,165	475	290	2	16,080	3.6	581	8-67	40	653	17
21-11-0288	6303601	1312008	11 10 64	14	15,675	542	293	2	23,195	3.7	852	1-68	40	934	45
21-11-0288	6726670	1417208	12 20 65	23	15,370	523	305	1	18,200	3.2	580	3-68	35	603	20
21-11-0292	6400213	1239242	7 19 65	29	16,320	581	305	1	19,750	3.4	670	9-67	36	584	18
21-11-0292	6462699	1348259	8 12 65	19	16,520	597	302	1	20,240	3.5	704	8-67	35	670	23
21-11-0480	6416554	1240125	8 9 65	57	16,430	589	305	1	19,650	3.6	715	9-67	36	581	20
21-11-0480	5523415	1239886	2 1 62	59	17,055	628	305	4	20,920	3.2	667	11-67	44	722	33
21-11-0480	6078156	1312008	4 28 64	60	17,590	639	305	2	22,835	3.6	814	11-67	40	700	20
21-11-0480	6196170	1389471	11 15 64	43	18,215	661	305	2	22,425	3.6	809	1-68	40	700	20
21-11-0480	6157946	1414442	7 11 64	41	18,245	656	305	2	23,740	3.6	865	1-68	29	796	30
21-11-0484	6361191	1239242	11 9 64	30	15,230	558	305	1	19,440	3.5	688	8-67	36	634	20
21-11-0484	6364012	1452345	8 4 65	26	14,900	555	305	1	17,480	3.7	651	2-68	28	600	21
21-11-0533	6269870	260599C	1 3 65	10	13,190	490	305	1	19,820	3.4	671	8-67	35	788	14
21-11-0654	6466304	1278644	9 9 65	52	13,540	487	296	1	16,920	3.6	613	12-67	36	636	16
21-11-0655	6546572	1278644	11 9 65	45	14,120	469	284	1	18,160	3.6	661	1-68	36	690	21
21-11-0694	5416614	1113350	8 17 61	26	16,462	609	299	5	21,336	3.4	724	1-68	44	696	17
21-11-0727	6416607	1348259	10 2 65	34	16,080	575	305	1	19,400	3.6	692	2-68	36	606	24
21-11-0727	6416599	1278644	8 22 65	31	15,390	542	305	1	18,340	3.6	657	10-67	36	618	16
21-11-0727	5926152	1240125	3 6 62	32	15,270	539	304	1	21,580	3.6	776	10-67	36	803	28
21-11-0735	6512930	1348259	10 18 65	37	13,810	491	305	1	17,150	3.8	648	11-67	36	614	27

21-11-0737	5135167	1308091	6	1	60	19	16,605	610	284	6	20,816	3.4	711	10-67	43	831	19
21-11-0737	5951805	1282185	8	1	63	21	17,400	643	301	3	21,220	3.8	816	2-68	42	596	24
21-11-0737	6044431	1259069	12	11	63	24	17,165	634	305	2	21,100	3.8	802	7-67	40	648	22
21-11-0737	6382050	1308091	7	15	65	32	16,990	611	305	1	21,810	3.7	804	11-60	34	661	21
21-11-0737	6346116	1239242	3	11	65	28	16,420	597	305	1	20,900	3.5	730	8-67	36	663	21
21-11-0737	6194434	1308091	8	21	64	16	16,460	620	305	2	21,680	3.3	726	8-67	34	867	20
21-11-0737	6170486	1240125	8	8	64	33	17,460	643	303	2	21,655	3.5	748	9-67	40	765	21
21-11-0737	6170485	1308091	9	19	64	20	17,160	639	305	2	24,615	3.4	834	11-67	38	1064	26
21-11-0737	5868595	1308091	5	14	63	18	16,190	610	297	3	19,860	3.4	685	7-67	37	741	17
21-11-0862	6001812	1239886	9	9	63	24	15,066	539	301	3	19,246	3.2	619	12-67	42	654	20
21-11-0873	6152650	1278644	8	26	64	17	15,355	567	298	2	22,525	3.7	832	8-67	40	1107	34
21-12-0027	6243133	1278644	3	17	64	18	16,685	610	305	2	20,145	3.6	722	9-67	40	744	19
21-12-0027	5406766	1240125	9	14	61	18	16,850	598	305	2	19,315	4.0	764	7-67	40	583	27
21-12-0056	5377989	1221835	7	27	61	17	12,906	467	294	5	15,860	3.7	584	12-67	44	711	24
21-12-0061	5207144	1154946	11	15	60	20	18,558	660	305	5	21,946	3.6	783	1-68	44	691	22
21-12-0061	6494107	1348259	9	17	65	25	19,890	711	305	1	23,800	3.6	855	12-67	36	702	27
21-12-0061	6494108	1348259	9	24	65	28	19,710	705	305	1	23,970	3.0	727	11-67	36	727	18
21-12-0061	6413126	1278644	6	27	65	32	19,850	706	305	1	22,760	3.8	865	11-67	36	648	20
21-12-0061	6072684	1329588	2	3	64	15	17,470	644	305	2	21,085	4.1	864	8-67	40	654	30
21-12-0080	6384308	1348259	3	12	65	18	16,330	590	305	1	21,410	3.4	724	1-68	36	762	26
21-12-0080	6118368	1278644	3	12	64	23	15,700	556	305	2	18,570	3.6	674	11-67	40	674	19
21-12-0096	6168602	1438006	2	26	65	36	13,880	488	291	1	16,880	3.5	589	9-67	31	593	27
21-12-0096	5614213	1239886	11	20	61	15	14,185	495	305	4	18,150	3.8	694	9-67	44	650	34
21-12-0103	5869397	1221835	3	17	63	14	14,816	536	305	3	17,756	3.6	647	11-67	42	703	23
21-12-0103	6368178	1221835	4	30	65	10	16,040	572	305	1	19,530	3.7	719	8-67	36	663	22
21-12-0114	6374324	1348259	3	19	65	8	14,050	508	296	1	21,270	3.4	731	9-67	35	916	31
21-12-0114	5840467	1240125	11	5	62	29	16,490	588	305	3	22,363	3.2	721	10-67	42	998	26
21-12-0133	6033606	1199324	1	25	64	52	11,745	420	305	2	13,060	3.4	441	5-67	40	667	19
21-12-0181	5995006	1278644	12	15	63	11	15,815	580	303	2	20,250	3.5	713	11-67	40	834	21
21-12-0181	6442640	1312008	12	22	65	12	15,720	579	305	1	22,010	3.9	855	11-67	36	644	35
21-12-0191	6285473	1399471	1	4	65	17	17,110	620	284	2	22,345	3.2	715	11-67	40	814	14
21-12-0194	5795036	1221835	10	22	62	7	13,030	481	304	1	18,460	3.7	678	12-67	36	785	25
21-12-0199	6347346	1452090	8	22	65	25	18,650	684	305	1	27,410	3.3	899	1-68	31	872	18
21-12-0200	6420007	1278644	9	4	65	12	16,060	578	305	1	20,630	3.4	707	8-67	36	744	17
21-12-0200	5880761	1239885	8	11	63	15	17,693	631	299	3	22,960	3.7	849	10-67	42	637	31
21-12-0210	6393000	1348259	6	7	65	22	14,990	528	305	1	21,330	3.0	637	10-67	36	846	23
21-12-0242	5810350	1222994	3	17	63	8	16,636	591	302	3	19,273	3.7	713	3-67	42	671	27
21-12-0242	5563945	1222994	8	26	61	10	15,153	536	281	3	19,906	3.3	652	3-67	42	897	26
21-12-0244	6174698	1283917	10	4	64	36	16,440	588	304	2	20,850	3.3	687	10-67	40	789	11
21-12-0256	6504016	1348259	9	12	65	22	14,650	533	305	1	19,830	3.7	736	1-68	36	734	30
21-12-0304	5659372	1221835	2	7	61	11	15,040	518	304	4	17,427	4.0	692	1-68	44	655	31
21-12-0305	5637471	1221835	7	27	62	32	14,682	547	291	4	19,720	3.8	748	11-67	44	978	35
21-12-0305	6427354	1278644	2	23	65	31	14,810	560	305	1	18,200	3.7	673	9-67	36	647	16
21-12-0305	6164214	1239886	8	6	64	24	15,845	594	305	2	19,845	4.4	869	12-67	40	591	39
21-12-0305	5929495	1221835	10	28	63	26	15,440	577	304	3	20,180	3.7	756	12-67	42	917	31

TABLE 5.—HIGH-RANKING PROGENY OF DHIA SIRE: HOLSTEIN—Continued

COW'S LAST HERD CODE	COW'S REGISTRATION NO.	COW'S SIRE REGISTRATION NO.	COW'S BIRTH DATE (Mo.) (Day) (Yr.)	HERDMATES			AVERAGE PRODUCTION OF COW					LAST CALVING		REPEAT- ABILITY (Pct.)	COW INDEX	
				NUM- BER	MILK (Lb.)	FAT (Lb.)	IN MILK (Days)	REC- ORDS	MILK (Lb.)	FAT (Pct.)	FAT (Lb.)	(Mo.) (Yr.)	CAR		MILK	FAT
21-12-0305	6340721	1278644	2 12 65	31	14,810	560	305	1	22,160	3.2	714	9-67	36	942	19	
21-12-0307	5674581	1239886	8 18 62	21	15,453	543	296	3	19,136	3.3	623	10-67	42	601	20	
21-12-0315	5862351	1278644	5 4 63	44	12,800	456	304	3	14,913	3.6	536	3-68	42	582	15	
21-12-0315	5463183	1350217	1 4 62	25	14,442	507	296	4	20,087	3.3	662	11-67	35	906	29	
21-12-0315	5463184	1350217	1 5 62	24	14,900	518	302	4	18,510	3.3	618	4-68	35	620	22	
21-12-0355	6487243	1348259	10 19 65	26	17,040	615	305	1	20,510	3.7	757	11-67	36	648	26	
21-12-0355	5801557	1239886	12 14 62	26	15,446	557	305	3	20,020	4.0	800	11-67	42	704	39	
21-12-0355	6335590	1239886	2 4 65	24	16,570	603	305	1	22,110	3.4	745	9-67	36	606	22	
21-12-0355	6208856	1239886	9 5 64	20	15,640	571	305	2	20,375	3.2	659	9-67	40	663	20	
21-12-0362	6594589	1389471	4 11 65	7	17,395	677	305	2	21,745	4.1	899	3-68	40	706	28	
21-12-0371	5987999	1278644	10 26 63	18	15,876	586	290	3	21,906	3.2	701	12-67	42	1068	21	
21-12-0378	6079713	1278644	1 2 64	8	16,310	602	305	3	20,486	4.0	810	12-67	42	860	31	
21-12-0384	5990827	1240125	9 26 63	24	15,326	555	298	3	19,190	3.6	687	10-67	42	754	25	
21-12-0384	6487241	1348259	10 16 65	35	13,710	502	296	1	16,960	3.3	567	11-67	36	607	20	
21-12-0398	5721061	1404202	10 26 62	23	16,696	593	303	3	17,553	4.2	731	7-67	40	586	25	
21-12-0402	6194323	1312008	9 28 64	34	13,030	500	305	1	20,150	3.5	699	8-67	36	686	29	
21-12-0441	6440803	1278644	9 15 65	43	16,430	575	305	1	21,430	3.2	684	11-67	36	779	15	
21-12-0474	6418424	1348259	8 24 65	5	17,250	609	305	1	19,740	3.6	713	8-67	35	583	23	
21-12-0479	5663508	1379263	8 2 62	57	16,352	589	304	4	20,060	3.4	675	11-67	42	631	18	
21-12-0479	6072200	1340669	4 12 64	34	17,060	598	305	2	23,310	3.4	792	2-68	40	942	21	
21-12-0479	6303525	1282936	4 23 65	62	15,980	580	305	1	25,700	3.5	887	9-67	34	1118	37	
21-12-0489	6411959	1312008	8 26 65	30	17,200	632	305	1	23,450	3.4	797	10-67	36	652	27	
21-12-0489	6468002	1348259	9 29 65	27	16,790	627	305	1	22,310	3.3	670	9-67	36	650	19	
21-12-0500	6390727	1389471	5 10 65	5	16,900	643	305	1	22,870	3.5	806	9-67	35	735	17	
21-12-0500	6287502	1389471	10 6 64	8	17,575	674	305	2	21,640	4.0	862	11-67	40	699	24	
21-12-0500	6285474	1389471	1 19 65	7	17,785	707	305	2	23,340	3.3	773	2-68	40	833	12	
21-12-0500	5987248	1389471	11 18 63	7	17,855	687	305	2	24,225	3.7	902	11-67	40	937	27	
21-12-0500	6833004	1223243	10 24 65	10	17,880	686	305	1	22,590	3.7	832	12-67	35	689	23	
21-12-0500	5823281	1239886	11 10 62	8	17,396	663	305	3	20,976	4.3	895	2-67	42	612	39	
21-12-0505	6582783	1348259	11 19 65	35	17,460	639	305	1	20,710	3.5	722	11-67	36	634	22	
21-12-0505	6075213	1413472	1 24 64	25	17,666	652	303	3	22,216	4.2	942	1-68	33	713	53	
21-12-0505	5929815	1221835	8 9 63	34	16,906	624	291	3	20,560	3.6	734	10-67	42	809	24	
21-12-0505	6249789	1221835	10 5 64	30	17,155	635	290	2	19,645	3.6	715	12-67	40	652	19	
21-12-0505	6249790	1221835	10 26 64	36	17,085	626	305	2	19,650	3.7	723	11-67	40	658	21	
21-12-0505	6083355	1329588	12 21 63	22	17,060	629	305	2	21,050	3.5	746	7-67	40	688	20	
21-12-0506	6226638	1278644	11 16 63	37	14,425	534	305	2	20,235	3.5	713	9-67	40	959	25	
21-12-0522	6246465	1329588	9 6 64	22	19,320	676	282	2	22,040	3.4	756	8-67	40	582	16	
21-12-0522	6055917	1329588	3 7 64	22	19,320	676	302	2	22,045	3.9	863	8-67	40	583	27	
21-12-0522	5982676	1199324	7 12 63	19	19,470	676	294	3	20,970	3.9	822	8-67	42	775	36	
21-12-0533	5952103	1315498	9 12 63	13	20,516	794	305	3	27,430	3.4	919	12-67	42	941	19	
21-12-0533	5763181	1239886	1 2 63	10	20,373	784	305	3	24,850	3.8	952	12-67	42	749	33	
21-12-0542	6566440	1348259	8 6 65	9	14,040	478	305	1	17,710	3.8	672	8-67	35	648	28	
21-12-0542	5480861	1221835	12 12 61	14	13,910	492	305	2	16,235	3.9	628	12-67	40	602	24	
21-12-0546	6531252	1330987	7 1 64	13	14,775	543	305	2	22,400	3.3	744	11-67	40	1116	34	
21-12-0546	5986207	1330987	10 22 63	12	15,855	575	302	2	20,005	4.0	806	5-67	40	774	42	

21-12-0546	5968754	1283917	8 11 63	17 15,735	575	295	2	19,990	3.4	682	1-68	40	766	12
21-12-0546	6369243	1330987	1 1 65	15 15,555	567	303	2	19,610	3.5	688	12-67	40	729	30
21-12-0546	6369244	1417208	11 13 64	13 15,455	556	172	2	19,610	3.9	766	3-68	40	794	36
21-12-0550	6490438	1221835	3 23 65	44 16,180	615	305	1	22,360	3.5	782	9-67	36	865	24
21-12-0550	5730194	1239886	8 3 62	31 15,490	556	292	4	19,092	3.7	705	8-67	44	622	29
21-12-0553	5523652	1239886	1 22 62	15 16,385	575	305	4	20,480	3.4	702	9-67	44	693	27
21-12-0553	5958306	1312008	9 30 63	18 16,860	595	302	3	21,373	3.4	727	9-67	42	701	29
21-12-0575	6369315	1312008	8 8 65	13 16,460	627	305	1	23,500	3.6	853	1-68	36	706	32
21-12-0610	5806676	1222994	1 17 63	9 15,575	561	305	2	18,675	3.5	654	3-67	40	678	23
21-12-0611	5769200	1240125	12 18 62	16 15,083	535	301	3	18,303	3.5	641	11-67	42	677	22
21-12-0611	6290358	1240125	1 4 65	16 15,000	526	305	1	18,590	3.6	665	9-67	36	598	21
21-12-0613	6385603	1239886	7 18 63	9 16,020	588	305	3	19,920	3.6	726	10-67	42	633	27
21-12-0613	6884237	1348259	12 16 65	12 15,630	594	240	1	20,020	3.3	658	3-68	36	682	20
21-12-0613	6640268	1221835	12 5 64	10 16,270	600	305	1	19,530	3.8	740	11-67	36	648	22
21-12-0616	6818591	1389471	10 8 65	17 14,370	565	305	1	20,390	3.5	711	1-68	35	700	15
21-12-0627	6289114	1221835	4 22 65	9 13,230	460	305	1	18,520	3.3	616	11-67	36	776	22
21-12-0701	5958952	1222994	9 17 63	11 17,285	614	281	2	22,900	3.1	712	10-66	40	941	24
21-12-0667	6101641	1278644	9 24 63	14 14,380	524	305	1	18,460	3.5	639	12-67	36	695	16
21-12-0687	5552924	1350848	10 11 61	16 14,440	508	305	2	22,925	3.2	744	9-67	38	1230	29
21-12-0701	5699311	1259069	12 1 62	29 15,443	565	305	3	21,566	3.3	718	2-68	42	930	22
21-12-0701	6577438	1303198	7 27 65	27 14,860	557	305	1	20,120	3.5	700	11-67	36	656	20
21-12-0701	6151267	1239886	8 22 63	43 16,023	582	305	3	21,160	4.0	849	11-67	42	775	42
21-12-0701	6151278	1278644	10 27 63	45 15,390	556	305	2	17,975	3.6	656	8-67	40	642	17
21-12-0701	6175623	1259069	10 10 64	17 14,850	555	305	1	20,070	3.9	776	1-68	36	625	21
21-12-0737	5736084	1240125	10 13 62	34 17,335	624	296	4	19,887	3.5	700	8-67	44	644	20
21-12-0739	6168642	1389471	10 8 64	14 14,590	505	305	2	20,325	3.6	734	12-67	40	839	27
21-12-0754	6142849	1239886	10 16 64	39 17,120	609	305	2	20,950	4.0	834	12-67	40	586	34
21-12-0754	5864319	1199324	5 2 63	14 14,265	521	271	2	19,030	3.8	721	7-67	40	1043	38
21-12-0795	4681614	1262028	8 28 58	10 14,760	532	305	5	18,310	3.5	635	3-68	37	668	19
21-12-0800	6284970	1278644	9 17 64	31 16,550	591	280	2	20,325	3.3	677	8-67	40	775	16
21-12-0803	6366351	1312008	9 13 65	14 17,510	625	305	1	25,240	3.7	930	10-67	36	765	37
21-12-0819	5410068	1239886	7 28 61	10 16,400	600	297	4	19,732	3.4	676	6-67	44	599	21
21-12-0819	5722386	1221835	9 29 62	14 16,507	610	302	4	19,577	3.7	731	10-67	44	758	26
21-12-0859	6444770	1278644	8 7 65	18 15,350	573	305	1	20,190	3.4	682	8-67	36	759	15
21-12-0870	6074349	1278644	1 20 64	12 13,050	499	305	1	17,570	3.5	622	6-67	36	718	16
21-12-0875	5587263	1305460	2 17 62	20 15,373	584	304	3	21,143	3.8	800	8-67	42	803	25
21-12-0875	6245614	1337741	9 20 64	24 14,615	542	305	2	15,990	4.1	652	11-67	40	580	26
21-12-0882	6489494	1278644	9 12 65	15 13,680	509	302	1	18,600	3.6	673	12-67	36	752	19
21-12-0934	5838928	1222994	11 8 62	17 17,856	664	298	3	19,876	3.6	721	11-66	42	614	20
21-12-0934	5852095	1222994	2 21 63	7 17,330	649	301	2	19,530	3.6	695	2-67	40	605	19
21-12-0934	6611293	1259069	1 19 66	11 17,950	659	305	1	24,180	3.6	879	2-68	36	723	22
21-12-0977	6350034	1240125	7 19 65	31 17,380	650	305	1	26,270	3.2	833	9-67	36	1011	25
21-13-0002	5729130	1239886	8 29 62	13 18,742	688	298	4	22,517	3.4	776	11-67	44	683	23
21-13-0013	5332527	1299114	5 18 61	36 15,254	571	298	5	19,132	3.6	698	1-68	36	659	21
21-13-0013	5924548	1376031	10 31 63	50 16,185	608	305	2	21,390	3.4	735	10-67	29	674	23

TABLE 5.—HIGH-RANKING PROGENY OF DHIA Sires: HOLSTEIN—Continued

COW'S LAST HERD CODE	COW'S REGISTRATION NO.	COW'S SIRE REGISTRATION NO.	COW'S BIRTH DATE (Mo.) (Day) (Yr.)	HERDMATES			AVERAGE PRODUCTION OF COW				LAST CALVING		REPEAT- ABILITY (Pct.)	COW INDEX	
				NUM- BER	MILK (Lb.)	FAT (Lb.)	IN MILK (Days)	REC- ORDS	MILK (Lb.)	FAT (Pct.)	(Mo.) (Yr.)	CAR		MILK	FAT
21-13-0013	6112561	1415454	7 21 64	49	16,700	649	305	2	21,205	4.0	12-67		29	580	25
21-13-0023	5257397	1010936	10 17 60	44	14,810	560	296	5	17,992	3.5	7-67		44	603	20
21-13-0023	6457590	1239886	8 26 64	61	14,770	569	305	1	20,460	3.6	7-67		36	604	24
21-13-0023	6445981	1240125	3 12 65	41	15,540	592	285	1	20,340	3.3	11-67		36	662	16
21-13-0029	6136232	1244009	10 16 63	28	16,230	589	305	2	17,755	3.6	6-67		40	586	15
21-13-0029	6129049	1259069	10 1 62	33	16,025	577	305	4	19,472	3.4	3-68		44	655	16
21-13-0029	6100764	1415031	7 31 62	33	15,755	578	305	4	18,740	3.4	4-68		35	737	18
21-13-0029	6228258	1415031	2 28 63	43	15,750	581	305	2	17,930	3.6	8-67		30	582	16
21-13-0029	6228257	1415031	12 28 62	43	15,750	581	303	2	18,025	3.6	9-67		30	593	16
21-13-0029	6616486	1415031	11 31 64	33	16,135	591	305	2	20,715	3.2	2-68		30	872	16
21-13-0029	6575862	1415031	8 3 64	33	16,135	591	305	2	21,145	3.4	2-68		30	923	23
21-13-0029	6586392	1415031	8 23 64	42	16,100	591	305	2	19,645	3.9	12-67		30	748	28
21-13-0029	6795750	1415031	5 19 65	46	15,650	563	305	1	24,380	3.6	11-67		24	1116	35
21-13-0029	6847028	1415031	8 20 65	42	15,810	573	305	1	22,190	3.1	10-67		24	908	18
21-13-0029	6267817	1271557	10 22 64	57	16,185	594	305	2	22,285	3.3	10-67		39	829	11
21-13-0036	5775485	1273756	8 5 62	8	13,690	495	305	3	17,686	3.5	8-67		42	816	31
21-13-0043	5954170	1199324	10 1 63	18	13,995	501	305	2	15,570	3.8	5-67		40	717	27
21-13-0049	5801578	1240125	3 25 63	16	18,013	674	301	3	22,833	3.6	10-67		42	895	28
21-13-0049	6223821	1278644	11 14 64	12	19,600	701	305	2	23,180	3.2	2-68		40	786	13
21-13-0049	6124868	1278644	1 29 64	19	17,150	632	297	2	20,660	3.7	8-67		40	754	20
21-13-0059	6349826	1348259	3 6 65	21	16,210	590	305	1	22,170	3.1	10-67		36	827	22
21-13-0059	6349828	1278644	4 15 65	22	16,210	585	305	1	22,550	3.4	10-67		36	877	22
21-13-0067	6375458	1348259	4 26 65	40	12,210	444	305	1	18,550	3.5	9-67		36	826	30
21-13-0067	6069237	1312008	2 23 64	32	12,240	439	305	2	18,340	3.4	7-67		40	755	34
21-13-0102	6504356	2507350	7 20 65	30	16,420	612	305	1	25,300	3.5	2-68		35	790	35
21-13-0102	5259274	1154946	11 13 60	26	15,708	585	305	5	19,476	3.5	10-67		44	704	17
21-13-0116	5772034	1259069	2 27 63	8	14,720	520	290	3	17,920	4.0	7-67		42	585	27
21-13-0128	6097357	1240125	6 12 64	30	13,805	480	305	2	18,005	3.5	8-67		40	728	25
21-13-0159	6083385	1276654	1 16 64	65	16,975	623	305	2	21,480	3.3	8-67		40	645	15
21-13-0159	6191049	1420487	7 3 64	71	17,315	638	305	2	21,600	3.6	9-67		29	651	23
21-13-0159	6191074	1329588	12 2 64	62	16,710	611	305	1	21,040	3.7	8-67		36	610	20
21-13-0159	6184427	1393997	8 17 64	59	18,425	690	303	2	21,455	3.6	1-68		35	671	29
21-13-0159	5432204	1239242	9 10 61	55	16,712	611	305	4	21,165	4.1	8-67		44	860	42
21-13-0159	5110977	1309574	1 1 60	42	16,880	623	300	5	20,368	3.3	7-67		41	712	21
21-13-0232	5293900	1154946	11 29 60	8	15,762	583	303	5	19,880	3.4	3-68		44	749	17
21-13-0264	6195269	1278644	11 8 64	10	15,930	577	300	2	21,105	3.6	3-68		40	910	27
21-13-0268	6431732	1244009	3 30 65	30	16,400	633	305	1	18,620	4.1	8-67		36	618	20
21-13-0268	6431731	1244009	3 24 65	29	16,290	630	305	1	20,750	3.6	7-67		36	784	15
21-13-0268	6431735	1239242	7 3 65	30	16,470	633	305	1	20,360	3.9	7-67		36	619	24
21-13-0268	6431737	1239242	10 5 65	25	16,380	645	305	1	20,000	3.6	10-67		36	598	17
21-13-0268	5679413	1154946	10 12 62	19	17,327	649	300	4	20,152	3.9	4-68		44	588	23
21-13-0270	6602609	1278644	4 6 65	15	15,060	573	297	1	20,810	3.6	9-67	8	36	824	20
21-13-0272	6554260	1430145	7 1 65	53	14,360	527	305	1	20,330	3.8	10-67		26	883	34
21-13-0272	6382145	1348259	5 22 65	26	13,650	507	294	1	18,140	4.1	8-67		35	707	31
21-13-0273	6184423	1303198	8 22 64	21	14,735	528	223	2	19,460	3.3	11-67		40	732	21

21-13-0295	5907696	1222994	10 12 62	17	14,140	508	238	2	16,550	3.6	601	1-67	B	40	594	22
21-13-0297	6295819	1309574	11 23 64	37	15,480	559	305	1	19,570	3.4	659	9-67		34	608	23
21-13-0304	6386557	1393997	10 5 65	6	13,550	524	253	1	19,800	3.2	633	11-67	H	30	818	27
21-13-0304	6388997	1393997	7 6 65	6	13,550	524	305	1	17,570	3.4	593	11-67		30	634	23
21-13-0325	6257121	1259069	11 5 64	7	15,870	579	305	1	21,730	3.4	734	12-67		36	680	16
21-13-0339	6539171	1271810	10 21 65	37	17,540	666	305	1	24,410	3.3	813	12-67		36	931	20
21-13-0339	5941784	1428649	8 3 63	16	17,370	680	292	3	20,040	3.8	766	1-68		36	682	18
21-13-0339	5941781	1428649	7 5 63	23	16,896	661	305	3	21,003	3.2	680	11-67		36	861	10
21-13-0339	5941786	1428649	10 7 63	23	17,423	683	292	3	21,226	3.6	764	1-68		36	796	17
21-13-0339	6100747	1428649	4 21 64	26	16,740	653	305	2	20,490	3.5	722	11-67		33	763	15
21-13-0339	5819873	1382881	11 7 62	36	16,520	627	305	3	21,490	3.5	762	10-67		34	962	29
21-13-0371	6194692	1428649	12 5 64	17	15,350	597	305	1	20,370	3.2	647	7-67		28	765	10
21-13-0371	6194690	1428649	11 17 64	17	15,350	597	305	1	20,450	3.6	726	7-67		28	772	17
21-13-0379	6216642	1393997	10 29 64	24	16,295	600	305	2	21,485	3.7	795	2-68		35	884	39
21-13-0379	6165808	1278644	10 17 64	31	16,415	608	301	2	20,135	3.4	681	11-67		40	768	15
21-13-0466	6140035	1443113	10 10 64	51	17,030	625	305	2	20,850	3.7	763	1-68		29	783	22
21-13-0466	6140019	1221835	7 22 64	43	16,485	605	299	2	20,360	3.3	664	8-67		40	785	17
21-13-0466	5854342	1372729	4 27 63	30	16,350	609	304	3	19,570	4.0	786	6-67		34	601	32
21-13-0466	6469783	1443113	10 8 65	26	16,970	605	305	1	24,040	3.3	805	11-67		23	964	24
21-13-0466	6469787	1443113	10 28 65	26	16,970	605	305	1	22,070	3.1	693	11-67		23	786	14
21-13-0466	6469791	1443113	12 11 65	35	17,800	640	305	1	22,420	3.0	665	2-68		23	759	8
21-13-0466	6253585	1443113	11 7 64	45	17,045	625	305	2	21,145	3.0	624	2-68		29	817	5
21-13-0466	6358481	1443113	6 1 65	33	16,710	615	305	1	19,580	3.9	760	6-67		23	582	20
21-13-0466	6358484	1443113	6 23 65	34	16,330	602	305	1	19,320	4.0	765	7-67		23	589	21
21-13-0475	6211147	1239886	9 9 64	39	16,000	577	301	1	21,670	3.6	778	9-67		36	611	26
21-13-0499	6302150	1428649	9 6 63	18	14,806	558	301	3	19,293	3.4	652	11-67		36	883	18
21-13-0616	5038950	1065220	1 18 60	28	16,180	586	304	7	19,730	3.7	723	2-68		44	601	21
21-13-0616	5695402	1222994	10 18 62	26	16,656	604	305	3	21,286	3.3	704	3-67		42	900	25
21-13-0664	5550587	1154946	4 5 62	34	15,382	596	300	4	20,335	3.4	687	9-67		44	827	16
21-13-0664	5759033	1154946	1 24 63	29	15,620	603	305	3	20,270	3.7	747	12-67		42	756	22
21-13-0664	5323756	1303179	3 20 61	26	15,828	584	300	5	19,586	3.4	675	10-67		36	626	16
21-13-0664	4529898	1087974	1 17 57	39	14,815	573	303	9	19,875	3.5	699	4-68		44	1009	30
21-13-0664	6335201	1239242	7 24 65	42	16,380	618	305	1	20,120	3.7	735	10-67		36	607	20
21-13-0664	6099988	1239242	5 17 64	44	15,135	579	305	2	18,890	3.6	678	7-67		40	686	21
21-13-0672	5920879	1240125	9 16 61	27	12,897	487	301	4	15,802	3.7	580	8-67		44	633	20
21-13-0738	5913183	1278644	8 28 63	62	12,445	455	299	2	16,415	3.4	559	9-67		40	753	16
21-13-0745	6362564	1422875	6 27 65	23	13,310	525	305	1	19,790	3.3	653	1-68		30	626	16
21-13-0770	6333236	1430145	4 14 65	33	15,580	532	305	1	19,190	3.4	662	11-67		26	669	24
21-13-0770	5920878	1382881	10 14 63	34	15,235	535	305	2	19,420	3.4	654	8-67		32	784	24
21-13-0770	5920879	1382881	11 1 63	36	15,975	556	305	2	19,275	3.4	663	10-67		32	691	23
21-13-0770	5920877	1382881	10 14 63	32	15,130	532	305	2	20,130	3.4	680	8-67		32	877	28
21-13-0770	6393210	1430145	7 6 65	33	15,580	532	305	1	21,230	3.1	662	11-67		26	846	24
21-13-0770	6167289	1430145	9 21 64	34	15,460	541	305	1	19,450	3.6	692	7-67		36	628	23
21-13-0770	611814	1430145	6 14 64	31	16,315	561	302	2	18,430	3.6	661	12-67		32	591	25
21-13-0770	6232411	1430145	1 5 65	29	15,090	528	305	1	19,720	3.3	653	8-67		26	680	21

TABLE 5.—HIGH-RANKING PROGENY OF DHIA Sires: HOLSTEIN—Continued

COW'S LAST HERD CODE	COW'S REGISTRATION NO.	COW'S SIRE REGISTRATION NO.	COW'S BIRTH DATE (Mo.) (Day) (Yr.)	HERDMATES			AVERAGE PRODUCTION OF COW					LAST CALVING		REPEAT- ABILITY (Pct.)	COW INDEX	
				NUM- BER	MILK (Lb.)	FAT (Lb.)	IN MILK (Days)	REC. ORDS	MILK (Lb.)	FAT (Pct.)	FAT (Lb.)	(Mo.) (Yr.)	CAR		MILK	FAT
21-13-0770	5843591	1382881	7 1 63	34	15,825	555	305	2	18,655	3.5	656	9-67		32	635	23
21-13-0770	5808088	1382881	3 20 63	31	15,660	549	305	3	20,750	3.3	686	10-67		34	967	28
21-13-0770	5723879	1382881	12 20 62	32	15,473	544	305	3	18,406	3.1	577	9-67		34	681	15
21-13-0777	5733846	1383311	12 1 62	12	16,267	572	292	4	19,960	3.5	703	2-68		37	730	25
21-13-0777	5733850	1383311	1 4 63	6	14,490	523	289	3	17,706	3.8	670	10-67		36	640	26
21-13-0777	6012233	1383311	10 20 63	7	13,820	526	305	1	21,470	3.0	648	9-67		28	886	17
21-13-0777	6032797	1383311	3 3 64	7	14,100	530	305	2	18,200	3.5	631	10-67		34	696	18
21-13-0777	6032795	1383311	2 23 64	6	14,380	524	290	2	18,885	3.5	669	7-67		32	730	23
21-13-0777	6032794	1383311	12 21 63	9	14,915	527	297	2	18,330	3.8	688	7-67		32	611	25
21-13-0777	6252029	1383311	12 18 64	11	16,350	565	305	1	20,180	3.5	707	5-67		28	587	19
21-13-0789	5662217	1240125	9 17 62	17	16,370	597	298	4	21,592	3.8	811	1-68		44	962	37
21-13-0830	6148991	1239242	5 16 64	178	13,895	437	293	2	18,385	3.2	593	12-67		40	766	25
21-13-0830	5374933	1325241	6 3 61	186	13,612	482	305	4	16,320	3.6	587	7-67		35	700	23
21-13-0966	4777464	1282936	1 3 59	27	16,830	621	305	5	20,378	3.5	722	9-67		43	845	27
21-13-0966	4246786	1173683	7 16 56	32	14,883	540	302	9	19,530	3.5	680	12-67		36	727	23
21-13-0966	5731503	1282936	11 19 62	26	16,100	586	305	3	19,510	3.4	658	9-67		41	751	22
21-13-0966	6011321	1391034	9 3 63	47	14,535	542	305	2	19,310	3.7	710	7-67		30	620	22
21-13-0966	5879715	1282936	7 16 63	39	16,356	594	305	3	20,236	3.5	711	11-67		41	810	27
21-14-0021	5960088	1239886	12 7 63	49	14,045	509	305	2	18,120	3.6	645	11-67		40	580	24
21-14-0021	5848220	1239886	3 15 63	48	14,076	509	305	3	17,993	3.7	671	11-67		42	613	29
21-14-0024	6239516	1278644	10 30 64	51	13,620	475	305	1	19,120	3.0	566	7-67		36	795	13
21-14-0024	6283837	1348259	3 30 65	23	19,540	651	305	1	22,940	3.3	765	1-68		36	638	24
21-14-0024	6453005	1389471	9 2 65	22	18,710	644	305	1	23,020	3.5	806	10-67		35	624	17
21-14-0024	6511592	1438758	11 3 65	19	18,510	642	305	1	23,000	3.2	795	11-67		33	978	19
21-14-0024	6159159	1278644	11 15 64	20	18,720	635	305	2	22,355	3.1	693	1-68		40	782	14
21-14-0034	6401142	1389471	7 29 65	23	19,790	722	305	1	25,130	3.4	858	8-67		35	710	16
21-14-0034	5585024	1221835	2 2 62	21	19,386	704	305	3	25,160	4.1	1020	11-67		42	1081	49
21-14-0034	5610279	2335280	3 15 60	20	18,498	687	305	5	24,020	3.9	939	10-67		44	836	34
21-14-0034	5880553	1278644	9 19 63	20	19,743	712	300	3	21,443	3.9	838	9-67		42	615	23
21-14-0037	6511601	1278644	11 13 65	10	12,920	463	305	1	18,160	3.4	620	11-67		36	770	18
21-14-0041	5494692	1221835	8 19 61	24	16,410	567	305	3	22,716	3.0	680	2-67		42	1108	24
21-14-0086	5998864	1413372	11 15 63	27	13,960	509	305	2	18,435	3.4	636	5-67		29	586	16
21-14-0095	6466077	1348259	12 27 65	14	17,240	577	305	1	22,240	3.4	752	2-68		36	740	28
21-14-0110	5436193	1301175	11 8 61	12	15,550	565	305	3	19,973	3.6	711	11-67		33	717	24
21-14-0118	6773430	1389471	10 13 65	28	14,970	519	305	1	20,700	3.4	702	1-68		35	682	18
21-14-0158	5784985	1404202	12 22 62	15	15,370	508	305	3	18,343	3.3	611	4-67		40	823	19
21-14-0158	6358623	1278644	8 26 65	23	13,220	439	305	1	17,420	3.2	550	9-67		36	695	15
21-14-0162	6403099	1348259	6 22 65	9	15,500	548	305	1	18,580	3.5	657	11-67		36	607	23
21-14-0197	6404461	1278644	9 21 65	35	17,160	604	305	1	20,960	3.5	728	12-67		36	695	17
21-14-0197	5400638	1221835	8 29 61	33	15,972	549	297	5	20,100	3.2	646	12-67		44	902	23
21-14-0197	6522975	1221835	9 28 65	38	15,670	544	305	1	19,280	3.4	648	6-67		36	669	18
21-14-0197	6135157	1285709	6 25 64	44	15,335	525	290	2	19,000	3.7	697	8-67		40	604	22
21-14-0197	6191567	1312008	9 22 64	43	15,235	523	305	2	21,885	3.2	694	9-67		40	841	31
21-14-0204	5893815	1240125	11 4 62	25	15,040	539	285	2	17,865	3.4	609	8-67		40	601	17
21-14-0233	6180399	1330597	11 10 64	11	12,720	450	305	1	16,480	3.3	548	4-67		34	589	19

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21-14-0237	5755098	1372874	1 18 63	11	13,910	497	305	1	18,050	3.1	564	5-67	34	765	11
21-14-0255	5868473	1330597	4 10 63	14	15,263	560	305	3	19,660	3.4	663	11-67	41	818	23
21-14-0255	5868475	1330597	8 18 63	15	15,113	551	305	3	18,900	3.4	663	9-67	41	744	22
21-14-0255	6224747	1330597	8 29 64	17	15,325	558	305	2	18,530	4.2	779	9-67	38	640	35
21-14-0255	6371634	1330597	7 20 65	5	15,350	545	305	1	20,130	3.2	644	8-67	33	662	20
21-14-0255	6265240	1330597	12 17 64	14	16,460	604	305	2	19,065	3.9	737	12-67	38	589	26
21-14-0258	6071825	1239886	3 18 64	7	17,330	607	296	2	21,155	3.6	768	12-67	40	588	28
21-14-0258	6465146	1348259	5 24 65	16	16,660	577	305	1	20,160	3.5	714	6-67	35	654	25
21-14-0260	6339124	1370571	8 11 63	25	15,450	532	305	2	19,770	3.5	690	1-68	29	623	24
21-14-0262	6232691	1425454	9 30 64	15	13,320	478	305	1	19,320	3.7	719	12-67	23	740	29
21-14-0282	6232693	1425454	10 15 64	9	11,740	430	298	1	16,200	3.4	547	9-67	23	586	18
21-14-0282	6099453	1425454	1 28 64	18	12,790	444	305	2	18,975	3.1	591	3-68	29	922	24
21-14-0293	6200999	1239886	10 1 64	18	15,665	542	305	2	20,785	3.0	619	11-67	40	702	19
21-14-0294	6103434	1259069	10 26 62	40	16,316	582	304	3	20,210	3.4	693	7-67	42	684	18
21-14-0294	6511605	1348259	12 16 65	16	16,430	608	305	1	22,510	3.9	867	12-67	36	838	35
21-14-0294	6395616	1348259	8 12 65	16	17,860	650	305	1	22,170	3.5	786	1-68	36	693	26
21-14-0294	6395629	1354572	9 14 65	30	16,480	602	305	1	25,530	3.4	863	11-67	26	1151	34
21-14-0294	5898959	1354572	11 2 61	26	16,270	594	303	4	19,487	3.5	679	1-68	36	787	23
21-14-0294	5679226	1354572	12 9 60	40	16,475	599	305	2	22,430	3.9	867	11-67	32	1038	42
21-14-0333	5576771	1199324	2 7 62	6	12,906	440	305	3	15,103	3.1	462	3-67	42	779	19
21-14-0397	5724158	1239886	9 4 62	45	15,317	546	296	4	20,590	3.2	659	9-67	44	826	25
21-14-0397	6418612	1278644	9 18 65	54	17,450	614	305	1	22,550	3.1	697	11-67	36	794	14
21-14-0397	6244440	1239886	7 24 64	42	16,055	573	305	2	21,735	3.2	688	9-67	40	763	23
21-14-0439	6398562	1348259	10 4 65	7	15,780	546	305	1	19,140	3.5	672	4-68	36	607	24
21-14-0439	6398559	1278644	8 17 65	20	14,970	540	304	1	17,970	3.6	651	8-67	36	619	15
21-14-0439	5985377	1282262	3 17 63	15	14,670	543	305	3	19,980	3.4	674	8-67	42	631	15
21-14-0468	5953513	1259069	8 2 63	20	16,666	602	302	3	21,710	3.9	854	12-67	42	820	34
21-14-0620	4921526	1285709	7 12 59	13	14,666	525	305	5	17,786	3.9	688	8-67	44	620	26
21-14-0620	6566664	1221835	1 4 66	21	15,680	583	305	1	20,470	3.4	689	11-67	36	757	19
21-14-0780	5668927	1240125	5 8 62	36	15,556	537	286	3	18,306	3.2	593	10-67	42	628	16
21-14-0782	6137975	1240125	4 10 64	31	15,160	532	305	2	18,395	4.0	728	11-67	40	644	30
21-14-0878	6180390	1330597	1 31 64	20	16,040	582	305	2	21,175	3.5	747	8-67	38	849	29
21-14-0878	6180391	1330597	8 7 64	13	15,730	557	305	2	20,675	3.7	760	8-67	37	802	33
21-14-0878	6180396	1330597	10 29 64	21	16,010	581	305	2	19,840	3.6	712	9-67	38	713	25
21-14-0878	6528170	1330597	8 20 65	22	15,330	558	305	1	21,310	3.4	720	9-67	34	780	24
21-14-0962	5879954	1199324	8 9 63	69	13,110	457	305	3	15,653	3.3	514	8-67	42	821	23
21-14-0975	6379871	1348259	2 24 65	9	12,410	440	305	1	16,870	3.5	583	8-67	35	695	24
21-15-0012	5982385	1278644	11 19 63	50	15,775	556	292	2	18,085	3.7	667	8-67	40	618	18
21-15-0012	6500354	1348259	10 3 65	29	14,320	499	305	1	20,420	3.5	709	2-68	36	800	30
21-15-0012	6485722	1240125	8 20 65	68	15,270	535	305	1	19,830	3.6	715	10-67	36	672	24
21-15-0012	6436717	1348259	8 26 65	66	15,130	534	305	1	19,850	3.2	644	9-67	36	727	23
21-15-0012	6436726	1348259	9 10 65	65	15,180	534	292	1	19,790	3.0	600	10-67	36	719	20
21-15-0012	6436713	1348259	9 4 65	36	14,560	514	305	1	17,760	3.3	586	1-68	36	586	20
21-15-0012	6088118	1239886	2 24 64	55	15,490	545	305	2	21,085	3.7	775	9-67	40	749	34
21-15-0012	5691443	1221835	10 11 62	18	16,213	568	305	3	18,003	3.8	689	4-67	42	586	25

TABLE 5.—HIGH-RANKING PROGENY OF DHIA SIRE: HOLSTEIN—Continued

COW'S LAST HERD CODE	COW'S REGISTRATION NO.	COW'S SIRE REGISTRATION NO.	COW'S BIRTH DATE (Mo.) (Day) (Yr.)	HERDMATES			AVERAGE PRODUCTION OF COW				LAST CALVING		REPEAT- ABILITY (Pct.)		COW INDEX	
				NUM- BER	MILK (Lb.)	FAT (Lb.)	IN MILK (Days)	REC- ORDS	MILK (Lb.)	FAT (Pct.)	(Mo.) (Yr.)	CAR			MILK	FAT
21-15-0269	6039908	1409678	4 27 64	33	13,630	490	299	2	19,905	3.3	11-67		29		764	21
21-15-0301	5382857	1239886	8 16 61	10	16,675	628	305	4	20,340	3.6	8-67		44		644	25
21-15-0301	4332024	1239886	1 6 57	11	17,218	619	305	6	22,045	3.9	9-67		44		821	42
21-16-0027	6401110	1348259	8 6 65	17	13,770	473	305	1	17,340	3.2	9-67		36		631	21
21-16-0091	5831450	1222994	3 6 63	13	15,625	542	305	2	19,890	3.3	1-67		40		797	25
21-16-0091	5831449	1222994	1 5 63	10	15,020	533	295	2	20,005	3.9	10-66		40		864	38
21-16-0091	6244158	1329588	10 20 64	24	14,720	518	305	1	20,970	3.2	9-67		36		738	18
21-16-0108	5909688	260599C	9 20 62	23	14,833	522	292	3	19,980	3.1	4-67	H	42		879	13
21-16-0121	6615798	1329588	3 17 65	19	13,400	455	296	1	18,980	3.0	9-67		36		678	15
21-16-0121	5121269	1312841	7 18 59	14	13,910	485	305	1	19,910	3.6	6-67		27		588	24
21-16-0173	6844297	1447750	8 2 65	24	15,640	542	305	1	18,420	3.3	1-68		24		630	16
21-16-0173	5812696	1239886	2 24 63	20	15,850	543	305	3	22,003	3.4	10-67		42		890	34
21-16-0195	5792170	275932C	2 23 63	8	12,340	439	291	3	16,580	3.2	8-67		41		650	18
21-16-0381	5744708	1239885	12 23 62	19	16,633	625	296	3	21,820	3.6	4-68		42		616	23
21-16-0381	5447953	1364653	11 6 61	20	16,952	629	294	5	20,948	3.4	11-67		43		778	13
21-16-0381	6398273	1282596	6 6 65	37	17,270	627	305	1	24,930	3.4	10-67		36		638	15
21-16-0610	6417359	1348259	8 17 65	23	14,980	525	305	1	18,810	3.0	9-67		36		659	17
21-16-0621	6198520	1222994	1 20 63	22	13,125	458	304	2	16,300	3.1	2-67		40		661	16
21-16-0639	6341213	1348259	7 28 65	27	15,730	516	293	1	20,150	3.4	1-68		36		685	27
21-18-0003	6359125	1221835	5 20 65	29	15,540	514	305	1	21,090	3.5	5-67		36		813	27
21-18-0010	5200404	1326163	9 21 60	57	16,022	566	305	5	21,944	3.2	11-67		44		732	24
21-18-0010	6686668	1348259	1 24 66	53	17,250	570	300	1	20,700	3.4	1-68		36		624	24
21-18-0012	6686669	1348259	2 17 66	50	16,950	562	305	1	21,390	3.3	2-68		36		696	25
21-18-0012	5789819	1283917	1 20 63	12	16,663	613	305	3	20,176	3.3	10-67		42		741	9
21-18-0035	5716863	1372874	1 17 63	25	15,385	554	301	4	19,570	3.4	2-68		42		923	19
21-18-0035	6426683	1348259	6 2 65	40	14,160	497	305	1	18,930	3.4	11-67		36		723	25
21-18-0106	6186476	1278644	12 5 64	10	15,810	564	296	2	21,460	3.5	4-68		40		957	26
21-18-0167	6011874	1240125	8 21 62	23	14,606	504	299	3	17,196	3.5	8-67		42		599	21
21-18-0167	4813547	1278644	10 28 58	23	14,545	526	305	2	17,805	3.4	9-67		36		702	15
21-18-0223	6496712	1283917	8 26 65	35	15,940	567	305	1	21,600	3.3	11-67		36		773	12
21-18-0232	6494007	1436005	9 2 65	32	14,850	515	305	1	18,330	3.4	9-67		22		586	19
21-18-0232	6464923	1436005	2 2 65	32	14,850	515	305	1	18,620	3.9	9-67		22		612	28
21-18-0232	6464948	1348259	9 2 65	42	15,570	539	305	1	22,060	3.3	9-67		36		862	30
21-18-0232	6464926	1436005	8 8 65	32	14,850	515	305	1	19,860	3.2	9-67		22		725	20
21-18-0232	6464928	1436005	8 16 65	30	14,810	511	305	1	19,000	3.3	10-67		22		650	20
21-18-0232	6200155	1436005	10 6 64	15	14,450	499	305	1	19,750	3.4	7-67		22		748	24
21-18-0232	6200157	1278644	9 1 64	17	15,605	558	305	2	20,275	3.7	3-68		28		856	27
21-18-0232	6200154	1436005	8 23 64	38	15,345	540	305	2	19,480	3.2	11-67		36		763	19
21-18-0276	6035238	1371200	7 28 63	40	14,910	518	295	3	19,800	3.0	12-67		32		870	16
21-18-0276	6035244	1371200	9 16 63	38	15,090	526	305	3	18,593	3.6	12-67		32		686	25
21-18-0296	6135399	1239242	2 16 64	15	19,325	676	305	2	23,720	3.7	10-67		40		793	33
21-18-0296	6347331	1330987	2 18 65	10	17,970	640	305	1	22,410	3.7	7-67		36		713	34
21-18-0367	5711113	1065220	1 25 62	14	14,755	514	305	2	20,375	3.3	12-67		40		701	18
21-18-0417	5745002	1222994	11 7 62	19	14,463	517	209	3	17,183	3.6	2-67		42		655	25
21-18-0417	5745001	1222994	9 28 62	18	15,130	542	210	3	19,733	3.1	12-66		42		880	20

21-18-0417	1389471	10	17	63	13	16,143	550	303	3	20,970	3.3	702	3-68	42	809	22
21-18-0417	1199324	1	11	61	17	15,355	533	280	4	17,765	3.2	575	12-67	44	842	22
21-18-0417	1199324	1	11	61	28	14,973	526	295	3	16,960	3.5	587	12-67	42	779	24
21-18-0427	1240125	9	26	61	11	16,782	616	302	5	19,126	3.9	745	2-68	44	622	27
21-18-0463	1278644	1	26	65	27	15,000	548	305	1	18,670	3.9	724	11-67	36	669	20
21-18-0463	1278644	9	10	64	27	15,000	548	305	1	19,800	3.3	656	11-67	36	753	15
21-18-0647	1348259	3	18	65	30	15,400	536	305	1	19,090	3.6	686	4-67	35	659	26
21-18-0647	1221835	5	19	65	39	14,960	511	305	1	19,020	3.5	669	6-67	36	698	22
21-18-0647	1348259	8	28	65	48	15,150	515	305	1	18,290	3.6	663	8-67	36	609	26
21-18-0647	1278644	11	12	63	48	15,223	544	294	3	18,956	3.4	643	11-67	42	797	18
21-18-0756	1222994	9	30	62	22	11,663	412	298	3	15,473	3.2	495	9-66	42	748	20
21-18-0893	1239886	12	7	63	44	15,830	539	305	2	19,985	3.8	753	11-67	40	606	33
21-18-0893	1278644	11	30	65	31	17,210	565	305	1	22,920	3.0	685	3-68	36	837	16
21-18-0893	1278644	2	14	66	31	17,210	565	305	1	21,250	3.8	815	3-68	36	713	26
21-18-0893	1348259	1	15	66	31	17,400	568	305	1	20,840	3.4	711	3-68	36	625	25
21-18-0893	1278644	9	13	65	44	16,780	552	305	1	20,740	3.2	673	9-67	36	704	16
21-18-0893	1348259	5	10	65	25	15,990	523	302	1	24,160	3.1	755	7-67	35	1002	32
21-18-0893	1348259	9	18	65	50	16,440	545	305	1	19,480	3.2	623	10-67	36	611	21
21-18-0893	1222994	7	22	62	53	14,666	513	297	3	17,093	3.4	573	9-66	42	624	19
21-18-0893	1239886	9	1	64	20	16,350	528	305	1	22,720	3.1	700	5-67	36	666	24
21-18-0965	6650123	5	23	63	14	15,130	543	305	2	17,135	3.3	565	12-67	40	772	20
21-19-0013	1273756	12	1	58	15	14,783	518	305	3	16,873	3.6	606	2-67	42	609	27
21-19-0024	1348259	8	4	65	24	15,500	543	305	1	20,080	3.2	640	9-67	36	719	22
21-19-0024	1348259	11	29	65	32	16,700	594	305	1	22,070	3.4	755	12-67	36	763	27
21-19-0024	1278644	5	20	65	31	16,610	592	305	1	22,690	3.5	801	12-67	36	860	23
21-19-0028	1348259	3	24	65	6	17,130	577	305	1	20,650	3.3	672	7-67	35	660	22
21-19-0028	1348259	11	12	65	21	18,520	642	305	1	21,450	3.6	775	10-67	36	619	26
21-19-0067	1372346	9	7	61	29	15,232	564	299	4	19,062	3.4	642	9-67	37	771	17
21-19-0067	1283917	7	20	63	22	13,656	474	289	3	18,026	3.2	570	1-68	42	805	11
21-19-0103	1278644	10	3	63	19	17,053	611	295	3	19,866	3.6	718	8-67	42	712	20
21-19-0103	1221835	9	10	62	15	17,236	633	303	3	22,426	3.5	789	10-67	42	989	29
21-19-0104	1278644	8	31	64	13	14,440	516	295	2	17,820	3.4	602	12-67	40	713	15
21-19-0115	1221835	10	19	65	16	13,900	502	305	1	17,330	3.4	587	10-67	36	643	17
21-19-0316	1199324	1	5	61	5	13,373	465	302	3	14,726	3.5	509	7-67	42	688	22
21-20-0015	1348259	11	8	65	37	15,550	557	284	1	18,610	3.2	590	10-67	36	606	18
21-20-0029	6063071	1	14	64	11	14,900	555	302	2	17,905	3.5	632	1-68	31	610	18
21-20-0029	6258662	14	17	65	13	14,770	542	305	1	18,930	3.7	704	9-67	35	673	27
21-20-0051	5660057	9	3	62	21	15,862	579	303	4	19,187	3.8	724	12-67	44	781	28
21-20-0063	6100509	3	14	64	26	14,940	533	297	2	17,590	3.6	630	12-67	40	644	17
21-20-0064	5951016	7	26	63	15	15,926	560	297	3	16,663	3.6	601	12-67	42	646	22
21-20-0065	6382342	12	29	64	16	13,360	483	305	1	18,530	3.3	615	9-67	36	768	17
21-20-0068	5353836	1	14	61	20	14,550	543	304	4	15,840	3.5	548	2-67	44	693	18
21-20-0068	6401059	5	12	65	15	15,960	575	305	1	21,980	3.0	650	10-67	36	800	6
21-20-0123	6335830	3	14	65	13	14,700	478	285	2	17,855	3.3	584	4-68	40	693	17
21-20-0173	6042913	10	16	63	31	15,840	561	305	2	20,750	3.4	700	12-67	40	883	21

TABLE 5.—HIGH-RANKING PROGENY OF DHIA SIRE: HOLSTEIN—Continued

COW'S LAST HERD CODE	COW'S REGISTRATION NO.	COW'S SIRE REGISTRATION NO.	COW'S BIRTH DATE (Mo.) (Day) (Yr.)	HERDMATES			AVERAGE PRODUCTION OF COW				LAST CALVING		COW INDEX	
				NUM. BER	MILK (Lb.)	FAT (Lb.)	IN MILK (Days)	REC- ORDS	MILK (Lb.)	FAT (Pct.)	(Mo.) (Yr.)	CAR	MILK	FAT
21-20-0173	6599285	1348259	7 27 65	29	15,710	547	305	1	21,410	3.4	3-68		780	28
21-20-0212	5192659	1278644	8 23 59	18	15,680	613	305	6	20,540	3.5	8-67		873	21
21-20-0256	5949534	1239886	10 31 63	27	16,190	586	285	2	20,190	3.7	9-67		594	27
21-20-0256	6259507	1329588	9 22 64	28	17,750	617	301	2	21,980	3.2	12-67		719	15
21-20-0259	5845859	1239885	1 10 63	28	15,570	575	305	3	20,840	3.3	1-68		613	19
21-20-0536	6440808	1348259	8 12 65	10	15,210	539	305	1	23,630	3.2	8-67		1015	31
21-20-0554	6400683	1277653	6 10 65	16	17,430	606	305	1	23,920	3.4	7-67		597	19
21-20-0554	6302104	1222994	1 16 65	14	17,460	614	305	1	20,780	3.3	9-67		641	19
21-20-0583	5304825	1010936	3 18 61	43	14,300	514	298	2	19,300	3.5	11-67		706	26
21-20-0583	5975496	1259069	10 12 63	11	14,620	515	304	2	19,210	3.4	3-68		689	18
21-20-0615	5974557	1403274	3 7 63	30	14,645	529	305	2	19,770	3.7	10-67		707	25
21-20-0615	5974565	1298303	3 29 63	25	15,423	553	293	3	20,290	3.7	4-68		627	26
21-20-0652	5451730	1313490	11 13 61	56	13,437	480	304	4	17,652	3.4	8-67		724	17
21-20-0652	5841466	1199324	3 29 63	51	13,466	481	302	3	17,690	3.3	10-67		1019	29
21-20-0652	6130113	1329588	6 7 64	54	12,375	451	297	2	17,280	3.3	9-67		733	18
21-20-0660	5753874	1221835	12 29 62	50	17,193	612	304	3	19,840	3.5	11-67		696	20
21-20-0818	6793360	1348259	10 6 65	13	13,500	470	305	1	16,500	3.4	11-67		586	22
21-20-0981	6464664	1348259	12 27 65	15	15,360	568	305	1	19,590	3.6	1-68		668	25
21-21-0057	5595910	1344999	2 6 62	13	13,825	483	304	4	18,375	3.6	11-67		714	28
21-21-0064	6424971	1278644	8 14 65	19	14,770	553	305	1	19,940	3.3	11-67		779	14
21-21-0103	5068296	1010936	3 19 60	24	15,441	565	298	6	18,730	3.5	11-67		625	23
21-21-0103	5551241	1240125	9 25 61	11	15,922	594	301	5	18,254	3.9	12-67		609	25
21-21-0111	6824295	1348259	12 22 65	29	15,810	561	305	1	18,900	3.0	10-67		610	15
21-21-0114	6579709	1221835	9 19 65	16	13,960	472	279	1	18,350	3.2	10-67		715	19
21-21-0114	5476982	1239886	1 19 62	25	14,227	504	302	4	18,032	3.5	9-67		631	25
21-21-0114	6451477	1312008	4 3 64	23	14,245	492	305	2	18,815	3.4	8-67		620	28
21-21-0114	6329739	1278644	3 30 65	29	14,470	506	293	2	17,925	3.4	2-68		721	17
21-21-0146	6387396	1348259	9 7 65	19	13,330	466	305	1	17,130	3.1	9-67		645	20
21-21-0148	6739625	1278644	4 15 65	26	14,390	499	305	1	18,280	3.5	9-67		681	18
21-21-0151	6273423	1278644	1 13 65	31	14,505	528	305	2	18,685	3.4	2-68		795	18
21-21-0236	4997056	1313579	10 14 59	8	15,135	556	305	6	18,871	3.6	11-67		591	19
21-21-0239	6316914	1389471	3 2 65	16	14,040	533	305	1	18,640	3.9	6-67		610	19
21-21-0245	6459256	1348259	10 1 65	13	17,180	577	305	1	20,430	3.3	3-68		609	22
21-21-0245	5761461	1199324	6 18 62	13	16,890	576	300	1	18,220	3.5	11-67		711	24
21-21-0248	6399745	1239242	9 12 65	39	16,100	599	305	1	20,960	3.4	12-67		689	19
21-21-0248	6093516	1405957	3 18 64	28	14,405	531	305	2	19,835	3.7	7-67		960	35
21-21-0248	6158850	1405957	8 1 64	35	15,420	576	298	2	20,555	3.7	10-67		937	34
21-21-0248	6112510	1405957	4 12 64	29	14,670	543	305	2	18,240	3.3	8-67		738	20
21-21-0248	6112511	1405957	4 25 64	29	15,265	560	281	2	19,715	3.5	1-68		852	28
21-21-0248	6030943	1405957	1 6 64	26	14,535	534	305	2	18,825	3.7	6-67		824	30
21-21-0248	5914341	1405957	10 22 63	20	15,143	557	305	3	20,276	3.6	4-68		1002	34
21-21-0259	6521798	1348259	3 2 66	22	16,660	613	305	1	19,910	3.3	1-68		605	19
21-21-0271	5837825	1222994	6 22 62	22	15,483	559	294	3	18,253	3.2	5-67		673	17
21-21-0285	6552009	1348259	5 28 65	50	13,380	486	301	1	18,990	3.5	10-67		780	28
21-21-0285	6552008	1348259	5 18 65	32	13,620	491	305	1	19,170	3.1	8-67		786	21

21-21-0306	6297821	1400999	1	9	65	33	12,090	446	305	1	20,300	3.3	670	7-67	H	24	778	26
21-21-0309	5618386	1154946	5	17	62	14	15,792	565	301	4	19,800	3.5	694	4-68		44	715	21
21-21-0326	6093515	1405957	3	5	64	25	15,585	576	304	2	20,735	3.9	807	2-68		29	941	40
21-21-0359	6131369	1278644	10	10	64	26	15,150	589	305	1	18,590	3.8	700	11-67		36	653	16
21-21-0397	6307218	1239886	11	16	64	17	13,140	451	289	1	20,510	3.1	626	7-67		36	717	24
21-21-0397	6011672	1221835	1	18	64	8	15,405	544	295	2	17,750	3.6	631	12-67		40	619	19
21-21-0411	6499005	1312008	4	21	64	17	16,475	572	305	2	21,370	3.7	796	11-67		40	675	37
21-21-0430	6769176	1348259	3	24	66	26	14,010	510	298	1	18,310	3.3	599	4-68		36	663	21
21-21-0431	6786592	1240125	6	14	65	23	12,790	451	243	1	17,480	3.4	597	8-67	8	36	663	21
21-21-0431	6472378	1429666	8	25	64	20	13,740	477	260	2	16,885	3.3	565	9-67	8	30	582	17
21-21-0431	6461208	1333643	2	22	64	23	14,245	483	290	2	20,310	3.2	643	7-67	B	31	871	19
21-21-0458	6285802	1221835	3	8	65	18	12,850	427	305	1	16,300	3.2	515	8-67		36	637	16
21-21-0470	6410275	1308091	5	9	65	9	13,500	498	305	1	17,240	3.8	663	8-67		29	580	21
21-21-0556	5983440	1239886	11	13	63	6	13,470	516	305	1	19,430	3.2	628	3-67		36	614	19
21-21-0559	6578765	1348259	8	31	65	27	14,950	545	305	1	20,320	3.2	649	9-67		36	774	23
21-21-0644	6532782	1348259	9	13	65	24	12,630	480	305	1	16,150	3.3	541	10-67		36	619	19
21-21-0773	5602680	1348259	12	19	60	29	15,475	562	305	4	20,160	3.7	741	7-67		43	933	36
21-21-0773	5872753	1239886	4	7	62	25	16,230	582	300	3	20,333	3.8	772	4-67		42	659	33
21-21-0883	6396299	1417208	10	25	65	18	15,650	544	305	1	18,800	3.5	651	1-68		35	629	24
21-21-0914	5371072	1055220	3	12	61	13	15,128	544	301	5	19,134	3.4	650	9-67		44	646	17
21-21-0914	6042240	1244009	10	4	63	14	14,980	530	305	3	19,146	3.3	637	10-67		42	886	22
21-22-0005	6354334	1221835	7	28	65	14	17,150	643	305	1	20,280	3.7	749	12-67		36	645	19
21-22-0032	5788562	1221835	11	28	62	13	16,413	578	303	3	18,870	3.7	705	11-67		42	665	26
21-22-0032	6109398	1278644	7	14	64	18	16,340	568	305	2	18,760	3.7	701	1-68		40	635	21
21-22-0148	6388461	1239242	9	1	65	38	16,260	550	305	1	20,110	3.6	721	10-67		36	615	23
21-22-0163	6429043	1278644	11	25	65	15	13,290	484	305	1	18,590	3.7	693	1-68		36	778	22
21-22-0197	6254944	1221835	8	29	64	13	14,575	537	299	2	17,430	3.8	657	8-67		40	662	23
21-22-0237	6059025	1199324	1	29	64	18	14,660	551	298	2	18,060	3.7	668	10-67		40	909	30
21-22-0441	6458962	1278644	12	12	65	89	13,320	510	305	1	16,650	3.7	620	12-67		36	631	15
21-22-0580	6276587	1278644	2	16	65	31	13,820	512	305	1	22,300	3.0	679	8-67		36	1018	19
21-22-0580	6276593	1221835	12	25	64	22	14,100	513	305	1	17,170	3.6	620	7-67		36	618	18
21-22-0580	6192383	1221835	10	12	64	22	14,200	531	305	1	18,560	3.7	693	5-67		36	714	23
21-22-0581	6381086	1350190	6	15	64	19	15,885	571	305	2	19,470	3.8	742	11-67		40	585	20
21-22-0581	5477725	1350190	11	2	61	16	14,950	528	305	4	18,502	3.6	668	2-68		44	642	20
21-22-0583	6614311	1348259	9	14	65	14	13,120	493	305	1	18,720	3.6	681	10-67		36	777	29
21-23-0015	6323588	1259069	7	7	64	27	15,420	546	305	1	23,260	3.6	827	8-67		36	824	26
21-23-0015	6117876	1386942	11	24	62	21	15,710	547	303	3	20,003	3.3	668	9-67		32	596	18
21-23-0029	5834507	1246308	4	2	63	19	14,123	487	299	3	20,376	3.1	633	9-67		40	739	19
21-23-0029	5988202	1328634	10	1	62	17	13,795	493	295	4	19,185	3.0	584	1-68		35	773	13
21-23-0033	6347400	1312008	12	29	64	23	13,915	515	298	2	19,320	3.7	723	1-68		40	701	35
21-23-0033	6244078	1278644	1	3	65	20	14,200	532	305	2	17,305	3.8	660	3-68		40	683	20
21-23-0033	6313211	1278644	3	19	65	26	13,500	485	305	1	19,050	3.4	640	8-67		36	798	18
21-23-0033	6396495	1348259	5	14	65	24	13,320	476	305	1	18,170	3.5	631	8-67		35	731	25
21-23-0095	6285747	1278644	2	4	65	22	16,240	564	305	1	19,530	3.4	664	7-67		36	650	15
21-23-0095	6749610	1348259	5	21	65	14	15,600	545	305	1	21,840	3.6	795	8-67		35	853	33

TABLE 5.—HIGH-RANKING PROGENY OF DHIA SIRE: HOLSTEIN—Continued

COW'S LAST HERD CODE	COW'S REGISTRATION NO.	COW'S SIRE REGISTRATION NO.	COW'S BIRTH DATE (Mo.) (Day) (Yr.)	HERDMATES			AVERAGE PRODUCTION OF COW					LAST CALVING		REPEAT- ABILITY (Pct.)	COW INDEX	
				NUM- BER	MILK (Lb.)	FAT (Lb.)	IN MILK (Days)	REC- ORDS	MILK (Lb.)	FAT (Pct.)	FAT (Lb.)	(Mo.) (Yr.)	CAR		MILK	FAT
21-23-0135	6037254	1283917	9 28 63	10	14,560	510	305	2	21,650	3.2	685	7-67		40	1042	18
21-23-0135	6017569	1283917	8 3 63	11	14,015	504	305	2	18,195	3.6	656	7-67		40	741	16
21-23-0146	6413900	1348259	9 2 65	26	14,600	531	305	1	20,350	3.3	667	8-67		35	809	24
21-23-0150	6419364	1348259	11 9 65	16	14,030	516	304	1	20,220	3.4	686	4-68		36	804	27
21-23-0150	6269560	1278644	1 10 65	77	14,470	490	294	1	18,870	3.4	648	7-67		36	719	19
21-23-0162	5955673	1240125	11 1 63	45	13,806	508	305	3	17,253	3.7	630	12-67		42	688	24
21-23-0173	6357141	1065220	6 2 64	27	16,210	567	305	2	21,290	3.3	697	11-67		40	661	16
21-23-0173	5487782	1154946	11 26 60	28	15,416	546	305	5	19,852	3.2	635	10-67		44	786	16
21-23-0201	5942119	1278644	12 8 63	16	14,130	530	305	2	19,195	3.7	715	11-67		40	881	25
21-23-0256	4879081	1060259	12 6 58	30	15,627	558	298	4	18,930	3.4	649	3-67		44	791	21
21-23-0256	6562846	1406271	10 20 65	14	14,090	527	305	1	15,640	3.9	603	12-67		35	627	29
21-23-0352	6032709	1222994	1 2 63	17	15,623	561	300	3	18,683	3.3	623	3-67		42	708	20
21-23-0490	6310175	1438006	9 1 64	40	15,950	563	305	2	19,270	3.9	753	11-67		36	709	39
21-23-0491	6876904	1348259	11 1 65	41	13,790	499	286	1	19,450	3.3	635	11-67		36	787	25
21-23-0590	6246711	1239886	12 5 64	23	16,585	602	291	2	20,995	3.7	777	12-67		40	640	29
21-23-0590	6246708	1278644	10 15 64	25	16,820	606	296	2	19,025	3.6	688	12-67		40	618	16
21-23-0590	6426060	1348259	9 20 65	26	16,980	618	305	1	20,530	3.6	738	12-67		36	653	25
21-23-0590	6426056	1348259	7 27 65	39	15,230	532	305	1	19,000	3.4	650	8-67		36	657	24
21-23-0590	6426058	1348259	9 10 65	47	15,560	550	286	1	19,890	3.8	751	9-67		36	701	30
21-23-0631	5939630	1401261	10 30 63	23	15,180	589	305	1	19,760	3.7	732	10-66		22	693	25
21-23-0631	6198295	1401261	10 1 64	7	14,810	546	305	1	20,830	3.7	778	7-67		22	821	33
21-23-0631	6198298	1386406	11 25 64	19	15,990	631	305	1	19,740	3.2	632	7-67		35	679	16
21-23-0721	6041538	1407360	12 8 63	18	13,883	509	296	3	20,576	3.6	738	12-67		34	941	31
21-23-0811	6429133	1389471	7 18 65	21	14,830	495	305	1	22,030	3.6	802	2-68		35	792	27
21-23-0937	6200236	1329588	12 3 64	60	13,260	466	305	1	20,190	3.7	741	6-67		36	778	27
21-23-0937	6197962	1411026	10 12 64	81	14,800	508	295	2	19,675	3.6	711	1-68		40	617	29
21-23-0937	6197944	1442451	7 20 64	150	13,955	487	305	2	21,470	3.3	709	10-67		28	887	27
21-23-0937	6222547	1411026	11 21 64	152	13,565	474	304	2	19,735	3.1	605	9-67		40	755	21
21-23-0937	6342146	1221835	2 23 65	100	13,240	471	305	1	17,850	3.3	595	7-67		36	726	19
21-23-0937	5511743	1239886	2 9 62	113	13,733	478	305	3	19,913	3.5	704	6-67		42	869	36
21-23-0984	6496710	1438758	8 15 65	27	14,790	545	303	1	18,590	3.4	635	10-67		33	736	13
21-23-0984	5983033	1398216	7 27 63	20	14,930	557	305	3	18,716	3.4	632	11-67		41	805	17
21-24-0012	5808724	1199324	5 27 61	17	13,077	474	234	4	15,180	3.5	536	12-67	B	44	776	24
21-24-0014	6857807	1221835	9 14 65	22	13,720	482	305	1	19,720	3.3	657	7-67		35	714	17
21-24-0020	6111834	1278644	3 12 64	21	16,315	584	298	2	19,895	3.2	646	10-67		40	752	13
21-24-0023	6862496	1348259	9 20 65	18	16,340	594	298	1	19,510	3.5	685	2-68		36	597	22
21-24-0047	6614602	1457479	9 3 65	25	16,310	559	305	1	22,460	3.2	726	12-67		24	691	17
21-24-0061	5861541	1404202	3 4 63	31	14,710	497	301	3	17,590	3.2	567	12-67		40	804	15
21-24-0061	5861542	1221835	3 16 63	21	15,640	536	305	2	21,065	3.5	742	3-67		40	934	31
21-24-0090	6175753	1199324	3 14 64	43	15,735	592	305	2	18,775	3.8	720	10-67		40	883	31
21-24-0090	6018051	1199324	12 9 63	43	15,735	592	305	2	18,860	3.7	690	10-67		40	892	28
21-24-0090	5966186	1405057	12 26 63	38	15,685	589	305	2	23,435	3.5	822	10-67		29	977	31
21-24-0125	5932175	1283917	10 1 63	32	16,793	602	305	3	20,733	3.6	756	12-67		42	792	19
21-24-0125	5698853	1340669	9 2 62	45	17,025	607	303	4	20,975	3.2	667	10-67		44	787	9
21-24-0125	6403943	1276654	9 20 65	44	16,490	583	305	1	23,330	3.2	757	9-67		36	693	18

21-24-0130	5826244	1239886	1	8	63	19	14,960	555	305	3	20,560	3.3	677	3-67	42	816	25
21-24-0130	6187422	1240125	9	23	63	32	15,206	563	300	3	19,393	3.7	714	11-67	42	790	27
21-24-0130	6187418	1239886	1	27	64	22	15,415	567	305	2	19,870	3.6	720	8-67	40	632	27
21-24-0177	6481559	1348259	3	24	65	9	16,180	564	305	1	19,110	3.6	682	10-67	36	601	24
21-24-0210	6207294	1411405	11	12	64	30	16,065	623	299	2	19,660	3.7	737	11-67	30	653	26
21-24-0210	5846794	1411405	6	22	63	22	15,880	602	305	3	23,653	3.8	888	1-68	33	1258	50
21-24-0210	5913977	1411405	9	25	63	20	16,033	606	301	3	19,776	4.0	797	9-67	33	720	37
21-24-0210	5913973	1411405	9	6	63	17	15,900	587	305	2	19,560	3.8	749	6-67	30	659	31
21-24-0210	6275860	1411405	11	20	64	31	15,905	610	301	2	21,875	4.0	878	10-67	30	934	44
21-24-0217	6109813	1239242	8	8	64	54	12,275	403	292	2	18,475	3.1	581	11-67	40	905	27
21-24-0217	6509136	1239242	11	3	65	21	12,770	429	305	1	18,180	3.3	608	2-68	36	705	23
21-24-0221	6432485	1447141	9	19	65	44	15,820	575	303	1	17,250	3.8	650	10-67	23	604	25
21-24-0239	5165589	1222994	10	11	59	27	14,862	557	304	5	16,956	3.8	643	5-67	44	607	23
21-24-0241	6115092	1221835	7	6	64	21	15,685	581	304	2	19,570	4.0	774	11-67	40	778	30
21-24-0255	6156133	1329588	8	21	64	11	11,509	402	305	1	17,970	3.2	580	6-67	36	730	19
21-24-0255	5273592	1298717	3	3	61	12	12,610	449	280	3	16,123	3.4	554	6-67	37	661	22
21-24-0303	6144311	1278644	9	26	64	19	17,770	640	305	1	22,160	3.3	740	9-67	36	743	15
21-24-0332	5273590	1298717	2	24	61	27	15,442	544	288	4	18,405	3.7	689	11-67	38	648	29
21-24-0332	6029708	1298717	1	22	64	25	15,915	559	305	2	19,685	3.2	621	8-67	34	685	17
21-24-0332	5732762	1298717	2	3	63	27	15,660	550	301	3	20,086	3.8	755	10-67	37	815	35
21-24-0337	5943510	1427990	3	14	63	13	14,730	514	305	3	18,036	3.3	593	6-67	32	685	17
21-24-0337	5943508	1427990	11	27	62	11	14,923	517	305	3	19,296	3.4	662	8-67	32	834	26
21-24-0337	6405103	1427990	8	25	65	21	15,680	542	305	1	19,620	3.5	680	8-67	23	624	20
21-24-0337	6405108	1427990	10	25	65	28	15,970	560	305	1	21,820	3.1	685	10-67	23	800	19
21-24-0337	6405109	1329588	9	7	65	40	16,680	577	305	1	22,110	3.1	688	9-67	36	692	16
21-24-0337	6392534	1427990	7	6	65	21	15,680	542	305	1	24,010	3.4	811	9-67	23	1021	32
21-24-0337	6485399	1427990	12	7	65	15	15,950	566	305	1	20,510	3.2	652	1-68	23	683	16
21-24-0337	6222266	1427990	9	24	64	23	15,480	545	279	2	18,695	3.4	630	11-67	29	641	18
21-24-0337	6222259	1427990	6	17	64	23	15,275	535	305	2	22,115	3.2	713	9-67	29	1077	29
21-24-0337	6222264	1427990	9	13	64	18	15,170	526	296	2	22,270	3.1	698	8-67	29	1107	28
21-24-0337	6222263	1427990	9	8	64	23	15,275	535	272	2	18,025	3.6	653	9-67	29	582	22
21-24-0337	6222265	1427990	9	16	64	20	15,170	529	305	2	18,280	3.5	634	9-67	29	624	20
21-24-0337	6222262	1427990	9	1	64	18	15,170	526	305	2	20,045	3.1	618	8-67	29	838	18
21-24-0337	6222267	1427990	9	27	64	20	15,275	532	296	2	18,910	3.2	609	8-67	29	689	17
21-24-0343	6094744	1321904	6	30	64	35	13,750	510	305	2	16,505	4.0	653	11-67	38	583	24
21-24-0343	5423446	1333969	8	14	60	18	15,516	570	300	3	21,566	3.9	850	2-68	40	598	37
21-24-0384	6045201	1221835	10	9	62	7	15,946	590	299	3	19,810	4.0	784	5-67	42	822	33
21-24-0384	6280402	1278644	11	26	64	41	16,505	575	305	2	19,465	3.4	667	12-67	40	691	16
21-24-0491	5891198	1389471	10	13	63	23	16,446	585	305	3	19,880	3.6	720	2-68	42	650	20
21-24-0494	6651413	1199324	12	15	64	20	14,860	539	305	2	16,765	3.7	615	10-67	40	759	26
21-24-0495	6055318	1389471	12	21	63	29	18,255	655	305	2	21,175	3.6	769	7-67	40	590	17
21-24-0504	5305601	1199324	2	25	61	44	15,102	566	300	4	15,982	4.3	693	9-67	44	650	33
21-24-0507	6288262	1278644	2	16	65	39	16,980	443	305	1	16,780	3.4	570	9-67	36	684	16
21-24-0570	6437432	1278644	1	18	64	39	14,905	536	305	2	18,060	3.5	626	12-67	40	695	16
21-24-0570	5857417	1239886	11	23	62	34	14,280	492	305	3	18,343	3.4	624	10-67	42	632	25

TABLE 5.—HIGH-RANKING PROGENY OF DHIA Sires: HOLSTEIN—Continued

COW'S LAST HERD CODE	COW'S REGISTRATION NO.	COW'S SIRE REGISTRATION NO.	COW'S BIRTH DATE (Mo.) (Day) (Yr.)	HERDMATES			AVERAGE PRODUCTION OF COW					LAST CALVING		REPEAT- ABILITY (Pct.)	COW INDEX	
				NUM- BER	MILK (Lb.)	FAT (Lb.)	IN MILK (Days)	REC- ORDS	MILK (Lb.)	FAT (Pct.)	FAT (Lb.)	(Mo.) (Yr.)	CAR		MILK	FAT
21-24-0657	5729672	1404202	12 3 62	28	13,630	4.86	305	3	18,476	3.1	574	8-67		40	1026	17
21-24-0657	5729665	1367326	9 18 62	50	13,905	4.79	305	4	18,792	3.7	704	11-67		35	830	38
21-24-0661	6898416	1457718	11 24 65	18	16,690	6.27	305	1	24,230	3.6	880	12-67		22	824	27
21-24-0661	6898440	1221835	12 4 65	24	17,050	6.38	305	1	20,180	3.6	718	12-67		36	644	17
21-24-0661	5957020	1375043	2 13 63	17	16,850	6.38	291	4	21,462	3.8	809	12-67		34	783	30
21-24-0665	5716914	1222994	8 31 62	32	14,395	5.10	305	2	16,885	3.5	593	12-66		40	605	21
21-24-0668	5669153	1221835	11 13 62	25	15,360	5.33	305	3	18,176	3.4	624	2-67		42	695	21
21-24-0668	5299500	1239886	2 20 61	29	15,027	5.17	305	4	19,000	3.3	619	9-67		44	662	23
21-24-0668	6314587	1348259	4 28 65	18	15,510	5.53	305	1	18,630	3.6	673	12-67		36	610	24
21-24-0708	5713288	1221835	10 12 62	13	14,536	5.38	287	3	18,020	3.2	574	6-67		42	762	15
21-24-0708	5760746	1199324	9 29 62	7	14,590	5.20	305	2	16,440	4.0	663	5-67		40	751	32
21-24-0738	6138522	1350190	10 1 64	29	14,020	5.28	293	2	19,580	3.5	689	11-67		40	767	18
21-24-0738	5810660	1408003	3 18 63	33	15,773	5.80	299	3	18,836	3.6	669	1-68		32	596	20
21-24-0876	5552348	1358647	9 24 61	10	14,574	5.09	297	5	21,760	3.1	666	10-67		43	857	22
21-24-0894	5838962	1221835	9 28 62	26	14,746	5.45	305	3	17,926	3.9	695	2-67		42	730	28
21-24-0894	6186547	1278644	12 9 64	56	14,300	5.24	305	2	16,965	3.6	610	11-67		40	639	15
21-24-0894	6186546	1278644	10 25 64	54	14,295	5.21	305	2	18,415	3.3	611	10-67		40	788	16
21-24-0933	5616401	1377691	5 3 62	52	15,646	5.86	282	3	19,003	3.7	697	10-67		41	758	21
21-24-0994	6209258	1420665	10 20 64	32	12,950	4.83	305	2	17,615	3.9	679	1-68		29	636	26
21-24-0994	5933263	1420665	10 2 63	64	12,866	4.73	305	3	16,913	3.4	576	10-67		32	616	17
21-24-0996	6073983	1276654	2 15 64	33	13,500	5.03	305	2	17,970	3.5	624	11-67		40	606	16
21-25-0129	6310507	1259069	10 18 64	20	14,220	5.22	264	1	19,890	3.8	756	6-67	8	36	654	22
21-25-0179	6077564	1295888	1 28 64	37	12,550	4.76	305	2	17,195	3.8	647	12-67		40	709	24
21-25-0179	6909617	1278644	1 5 66	42	13,940	5.24	305	1	17,310	3.7	634	12-67		36	639	15
21-25-0499	6233738	1278644	9 5 64	51	14,910	5.08	305	2	21,480	3.1	667	11-67		40	1042	23
21-25-0499	6469827	1348259	11 8 65	31	14,080	4.89	305	1	17,380	3.6	622	3-68		36	589	24
21-25-0561	5455120	1240125	12 20 61	25	14,102	5.03	297	4	17,675	3.5	617	11-67		44	730	23
21-25-0658	5909414	1239886	4 9 63	16	16,790	5.90	305	3	20,620	3.5	725	11-67		42	634	27
21-25-0674	6468047	1452345	9 12 65	25	16,100	5.67	305	1	18,950	3.5	672	11-67		26	598	21
21-25-0787	5953212	1413096	11 15 63	43	14,490	4.96	305	2	19,195	3.4	659	9-67		30	687	26
21-25-0787	6139586	260599C	7 19 64	64	14,965	5.15	301	2	19,640	3.4	669	11-67		40	734	17
21-25-0787	5690666	260599C	11 14 62	39	15,695	5.45	302	4	21,560	3.1	671	4-68		43	985	17
21-25-0787	5732469	1413096	1 1 63	47	14,266	4.96	305	3	18,166	3.6	662	8-67		33	646	28
21-25-0787	6542053	1348259	8 30 65	17	15,100	5.39	305	1	19,470	3.6	698	2-68		36	677	26
21-25-0862	6395975	1221835	12 18 64	10	15,630	5.65	305	1	19,550	3.5	680	6-67		36	692	19
21-26-0017	4986138	1087974	5 31 58	37	16,510	6.17	305	2	24,105	3.8	906	7-67		40	1167	44
21-26-0041	6225718	1221835	11 15 64	39	13,450	4.87	305	1	16,160	3.5	561	8-67		36	586	16
21-26-0049	5821528	1396899	10 1 62	9	14,437	5.15	296	4	16,985	3.3	562	11-67		35	599	15
21-26-0049	5915149	1396899	4 9 63	11	15,300	5.55	218	3	20,666	3.4	695	2-68	8	34	961	28
21-26-0054	6462526	1221835	9 21 65	38	15,440	5.33	305	1	17,920	3.3	597	10-67		36	584	15
21-26-0167	6558353	1348259	8 15 65	12	14,580	5.17	294	1	18,910	3.3	617	1-68		36	670	22
21-26-0219	5839633	1199324	2 11 63	11	15,103	5.21	292	3	16,306	3.3	533	10-67		42	690	19
21-26-0219	5839632	1199324	1 25 63	8	14,663	5.08	288	3	17,200	3.3	562	5-67		42	839	23
21-26-0274	6146168	1437542	9 1 64	19	16,220	5.81	297	2	20,330	3.4	698	11-67		29	599	17
21-26-0275	5451378	1319666	10 19 61	16	16,130	5.94	305	4	22,700	3.8	855	11-67		37	911	31

21-26-0275	6015395	1276654	1	1	64	24	14,085	499	305	2	18,500	3.8	709	8-67	40	606	25
21-26-0276	6327818	1406271	5	3	65	27	13,840	490	305	1	17,610	3.2	561	8-67	35	793	29
21-26-0286	6361172	1348259	4	21	65	26	17,670	638	305	1	26,700	3.5	947	9-67	36	1067	39
21-26-0286	5649783	1239886	3	20	62	15	17,232	609	305	4	21,720	3.3	708	12-67	44	752	24
21-26-0298	6344956	1278644	6	16	65	5	12,120	428	305	1	17,670	3.6	639	7-67	36	787	22
21-26-0298	6404212	1348259	9	8	65	13	12,750	473	305	1	15,750	3.4	538	9-67	36	581	20
21-26-0298	6222673	1278644	12	24	64	8	15,070	519	304	2	19,925	3.4	668	3-68	40	869	22
21-26-0327	6436399	1278644	10	6	65	9	14,300	504	305	1	20,520	3.5	725	12-67	36	854	23
21-26-0337	6181276	1240125	11	10	64	21	17,970	604	305	2	22,370	3.1	701	12-67	40	791	20
21-26-0457	5266039	1154946	12	19	60	16	15,310	563	302	5	19,676	3.4	669	10-67	44	776	18
21-26-0459	6426233	1348259	9	27	65	10	14,230	506	305	1	19,390	3.6	693	3-68	36	729	28
21-26-0461	6222641	1239242	3	15	64	30	15,920	540	305	2	20,155	3.5	712	10-67	40	742	28
21-26-0461	6198289	1239242	1	21	64	19	15,475	530	301	2	18,310	3.4	620	8-67	40	596	19
21-26-0461	5933378	1239242	12	18	63	24	15,590	526	299	2	18,280	3.2	593	2-68	40	582	17
21-26-0526	6196680	1418879	9	17	64	5	15,915	576	289	2	21,775	3.4	742	9-67	30	954	30
21-26-0526	6439284	1418879	8	19	65	6	15,070	548	298	1	19,060	3.9	749	9-67	25	622	29
21-26-0526	5792952	1396899	11	8	62	14	17,136	630	301	3	20,770	3.5	733	9-67	34	757	24
21-26-0805	5822777	1404202	9	22	62	31	17,437	605	296	4	21,475	3.4	734	10-67	41	1003	24
21-26-0805	6461768	1348259	1	1	66	18	20,240	739	304	1	22,890	3.6	828	1-68	36	587	23
21-26-0805	6066528	1285709	12	21	63	35	17,846	626	285	3	23,026	3.2	739	10-67	42	859	19
21-26-0805	5976680	1278644	12	12	63	33	18,016	638	289	3	22,686	3.1	703	11-67	42	936	15
21-26-0805	6236659	1239886	8	12	64	26	17,685	621	305	2	22,535	3.4	764	8-67	40	695	26
21-26-0848	6296568	1312008	9	28	64	22	16,050	570	296	2	20,045	3.3	654	11-67	40	580	23
21-26-0848	5909311	1391420	6	29	63	12	15,273	540	300	3	19,666	3.8	746	2-68	34	673	32
21-26-0848	4955538	1154946	9	12	59	16	16,070	568	305	5	18,870	3.7	690	11-67	44	583	21
21-26-0941	6321842	1278644	1	2	65	11	15,660	558	305	1	21,520	3.0	645	7-67	36	837	14
21-26-0941	6576823	1278644	11	20	65	16	16,980	613	305	1	20,740	3.5	725	1-68	36	690	16
21-26-0941	6604706	1278644	9	14	65	21	16,440	580	305	1	22,960	3.2	725	10-67	36	892	18
21-26-0959	5640935	1221835	4	25	62	10	15,465	585	297	2	19,165	4.0	772	5-67	40	757	30
21-26-0959	6312866	1285709	2	2	65	13	17,190	634	305	1	23,200	3.7	856	10-67	35	776	22
21-26-0975	6384488	1221835	8	20	65	8	16,480	610	305	1	21,960	3.4	740	9-67	36	815	21
21-28-0051	5433787	1222994	10	24	61	13	16,707	561	296	4	19,025	3.3	624	7-67	44	650	21
21-28-0051	6029422	1244009	11	11	63	12	16,920	565	305	2	20,145	3.4	688	1-68	40	766	22
21-28-0089	6862773	1344950	9	28	65	12	13,670	517	305	1	15,670	3.8	600	1-68	29	582	19
21-28-0100	5529362	1240125	9	26	61	17	15,100	555	305	3	18,520	3.9	731	1-68	42	700	30
21-28-0277	6008616	1239886	6	25	63	35	16,793	594	298	3	21,903	3.2	704	12-67	42	781	24
21-28-0277	6248335	1240125	6	13	64	47	16,885	616	305	2	21,285	3.3	695	11-67	40	780	19
21-28-0277	6248336	1240125	7	27	64	47	16,885	616	301	2	19,735	3.7	730	11-67	40	622	22
21-28-0277	6248328	1312008	9	14	64	38	16,825	618	305	2	21,815	3.7	810	3-68	40	689	34
21-28-0301	5629228	1239886	8	2	62	27	16,015	544	305	2	21,545	3.7	794	9-67	40	748	36
21-28-0301	5871424	1259069	8	27	62	48	17,417	612	304	4	20,522	3.4	693	12-67	44	630	15
21-28-0301	5871427	1239886	3	5	63	23	15,753	552	305	3	19,783	3.5	702	7-67	42	645	28
21-28-0301	5769833	1240125	11	1	62	35	17,600	619	301	4	22,965	3.3	756	2-68	44	994	27
21-28-0301	5491737	1240125	8	27	61	54	16,476	586	300	5	20,064	3.4	679	9-67	44	778	22
21-28-0518	5471454	1221935	2	17	61	20	14,042	502	303	5	18,272	3.3	610	8-67	44	890	23

TABLE 5.—HIGH-RANKING PROGENY OF DHIA SIRE: HOLSTEIN—Continued

COW'S LAST HERD CODE	COW'S REGISTRATION NO.	COW'S SIRE REGISTRATION NO.	COW'S BIRTH DATE (Mo.) (Day) (Yr.)	HERDMATES			AVERAGE PRODUCTION OF COW				LAST CALVING (Mo.) (Yr.)		REPEAT- ABILITY (Pct.)	COW INDEX	
				NUM- BER	MILK (Lb.)	FAT (Lb.)	IN MILK (Days)	REC- ORDS	MILK (Lb.)	FAT (Pct.)				MILK	FAT
21-28-0518	6508328	1348259	10 29 65	27	13,750	508	305	1	20,560	3.6	730	11-67	36	872	32
21-28-0518	5838119	1221835	10 20 62	31	14,542	529	296	4	20,067	3.6	717	11-67	44	1037	33
21-29-0012	6352697	1420697	10 7 64	24	15,050	542	305	1	20,990	3.3	699	6-67	22	645	19
21-29-0012	6352700	1420697	5 7 65	24	15,100	547	305	1	20,880	3.9	805	10-67	22	670	30
21-29-0012	6352703	1350190	6 6 65	24	15,050	543	305	1	20,590	3.5	712	9-67	36	636	15
21-29-0012	5957953	1239886	6 17 63	21	14,416	536	300	3	18,063	3.5	624	12-67	42	585	21
21-29-0017	6464258	1347940	9 10 65	17	16,320	606	305	1	19,790	4.2	840	12-67	36	810	37
21-29-0022	6144523	1283536	10 16 64	6	16,555	595	305	2	20,215	3.7	746	10-67	40	590	18
21-29-0030	6116571	1329588	8 23 64	21	15,430	556	290	2	20,135	3.4	683	11-67	40	744	20
21-29-0030	6261261	1282596	1 14 65	8	14,160	508	305	1	21,710	3.4	743	4-67	35	664	18
21-29-0055	5746661	1378792	12 4 61	33	16,310	596	304	5	19,470	3.6	698	2-68	36	671	20
21-29-0075	5878135	1199324	9 2 63	22	17,340	625	305	3	19,500	3.4	663	11-67	42	926	23
21-29-0094	6325190	1240125	7 1 65	53	13,940	487	305	1	19,470	3.4	669	11-67	36	735	24
21-29-0123	6386881	1403116	1 10 65	19	15,270	566	305	1	20,210	3.5	712	9-67	23	580	17
21-29-0123	6165852	1403116	3 8 64	14	15,130	560	305	2	20,465	3.4	693	8-67	29	774	20
21-29-0123	6538028	1417208	4 4 65	7	15,740	556	305	1	21,430	3.5	749	8-67	35	793	31
21-29-0126	6379129	1438006	2 1 65	10	15,650	602	301	2	18,735	3.7	700	4-68	36	680	29
21-29-0126	6379132	1221835	8 13 65	28	15,540	606	305	1	18,550	3.9	724	11-67	36	624	20
21-29-0132	5799458	1240125	1 22 63	49	15,470	567	276	3	18,123	3.6	650	1-68	42	616	20
21-29-0150	6336637	1278644	11 13 64	14	16,075	583	285	2	19,390	3.6	703	1-68	40	723	19
21-29-0194	6247862	1283917	9 29 64	19	14,855	526	299	2	20,560	3.2	662	9-67	40	905	14
21-29-0233	6019740	1240125	9 5 63	9	14,466	539	303	3	17,113	3.5	605	3-68	42	604	17
21-29-0245	5975979	1278644	9 1 63	29	13,820	519	305	2	18,705	3.3	613	11-67	40	859	16
21-29-0245	5450679	1239886	10 14 61	12	14,296	513	295	3	18,396	3.4	627	4-67	42	636	23
21-29-0255	6426280	1348259	10 24 65	21	15,320	551	305	1	20,540	3.1	636	9-67	36	765	22
21-29-0287	6196462	1389471	11 23 64	19	18,895	702	305	2	24,720	3.8	942	12-67	40	872	30
21-29-0308	6183427	1330987	7 4 64	8	13,555	481	293	2	18,185	3.3	606	5-67	40	799	30
21-29-0308	5834631	1239885	3 14 63	18	14,443	539	305	3	20,176	3.6	728	1-68	42	654	27
21-29-0365	6196738	1358005	1 8 65	10	14,975	526	305	2	20,560	3.4	700	1-68	39	997	19
21-29-0365	6166550	1221835	11 10 64	16	13,640	476	305	1	17,290	3.2	561	8-67	36	657	17
21-29-0369	6168612	1240125	8 16 64	24	16,210	589	305	1	19,950	3.3	658	10-67	36	618	16
21-29-0391	6149135	1278644	7 30 64	28	15,180	554	286	2	18,020	3.8	691	10-67	40	666	20
21-29-0391	5718810	1239886	9 2 62	14	15,476	547	304	3	19,210	3.5	672	7-67	42	608	25
21-29-0391	6430397	1278644	10 21 65	24	14,450	528	305	1	21,490	3.2	681	9-67	36	916	18
21-29-0391	5462244	1221835	11 9 61	22	15,364	548	296	5	18,020	3.4	608	11-67	44	704	18
21-29-0391	5440155	1221835	11 16 61	16	15,180	535	304	4	19,712	3.3	659	4-67	44	922	25
21-29-0466	5666279	1199324	8 19 62	30	14,975	568	304	4	17,592	4.1	717	10-67	44	882	36
21-29-0466	6301181	1438758	3 13 65	5	12,140	457	296	1	17,970	3.7	660	9-67	28	749	20
21-29-0501	6572190	1221835	7 26 65	28	15,780	548	305	1	19,730	3.3	642	9-67	36	696	18
21-29-0501	6529018	1278644	8 12 65	19	16,040	550	305	1	20,590	3.3	677	8-67	36	742	17
21-29-0501	6223439	1278644	11 29 64	29	15,745	552	304	2	19,270	3.5	666	12-67	40	741	18
21-29-0501	6223438	1221835	10 30 64	25	15,955	559	305	2	18,325	3.4	614	12-67	40	627	16
21-29-0556	5748053	1380707	10 5 62	16	16,580	596	300	3	21,376	3.5	738	12-67	33	686	21
21-29-0556	6274733	1380707	2 20 64	12	16,200	583	305	2	21,325	3.3	714	11-67	30	645	17
21-29-0624	6218966	1389471	1 4 64	37	15,105	564	300	2	21,110	3.3	706	9-67	40	872	19

21-29-0649	5838577	1372874	9 19 62	12	16,096	581	305	3	19,210	3.2	622	2-67	41	800	11
21-29-0649	5838579	1221835	10 2 62	21	14,956	537	303	3	17,630	3.3	590	6-67	42	674	17
21-29-0658	6297561	1389471	12 26 64	7	13,290	481	305	1	19,690	3.3	646	7-67	35	740	16
21-29-0772	5693059	1378792	7 15 62	43	15,292	571	299	4	20,062	3.5	700	11-67	35	868	23
21-29-0772	6124853	1433270	8 16 64	36	15,630	577	305	2	20,815	3.4	700	12-67	29	712	21
21-29-0800	6078862	1239886	3 21 64	36	16,990	602	305	2	21,205	3.3	708	11-67	40	624	22
21-29-0886	5952104	1419528	9 9 63	37	15,800	547	305	2	20,275	3.7	755	5-67	36	784	34
21-29-0905	6315735	1278644	12 21 64	30	14,180	502	305	1	20,230	3.5	718	1-68	36	840	23
21-29-0905	6467995	1348259	9 16 65	8	12,650	435	305	1	18,330	3.6	668	8-67	35	789	31
21-29-0937	6347984	1239886	2 27 65	11	15,830	567	305	1	21,660	3.1	681	7-67	36	622	20
21-30-0010	6135397	1329588	6 21 64	33	15,910	561	305	2	18,990	3.5	671	1-68	40	584	18
21-30-0010	5846478	1404202	9 19 62	19	16,413	571	231	3	20,813	3.8	790	6-67	40	1006	34
21-30-0014	5758361	1395643	2 16 62	19	15,400	577	305	4	20,962	3.5	733	10-67	35	921	27
21-30-0023	6281659	1431142	4 9 65	29	15,230	537	305	1	20,280	3.3	677	9-67	30	643	15
21-30-0023	6022519	1239886	1 8 64	32	15,030	530	305	1	22,240	3.8	851	10-67	36	719	35
21-30-0031	6004245	1065220	9 27 63	21	19,133	691	303	3	23,173	3.5	803	3-68	42	643	17
21-30-0031	5852972	1361251	12 26 62	24	18,753	677	301	3	22,296	3.7	820	11-67	33	662	27
21-30-0031	5681245	1361251	11 28 62	22	18,623	677	305	3	21,823	3.5	773	2-68	33	614	21
21-30-0031	6174909	1154946	9 8 64	31	18,200	657	302	2	23,065	3.4	783	9-67	40	745	18
21-30-0031	6499403	1406271	1 4 66	23	18,510	681	305	1	24,070	3.4	819	2-68	35	950	35
21-30-0031	5374237	1361251	6 9 61	24	18,324	649	301	5	21,684	3.6	784	10-67	36	687	27
21-30-0031	5385468	1361251	3 12 61	25	18,706	647	305	3	22,186	3.5	779	9-67	33	653	25
21-30-0031	5374238	1154946	12 20 60	33	17,504	605	302	5	21,272	3.5	747	7-67	44	727	23
21-30-0033	5265891	1221835	1 10 61	18	15,066	503	291	5	19,838	3.2	642	12-67	44	973	27
21-30-0033	6165669	1312008	7 18 64	16	15,185	501	305	2	20,565	3.3	683	12-67	40	712	32
21-30-0062	6413510	1348259	4 22 65	23	15,970	557	305	1	19,020	3.6	690	9-67	36	608	25
21-30-0062	5520139	1240125	10 31 61	25	15,455	538	303	4	18,782	3.3	629	9-67	44	716	21
21-30-0078	6879289	1278644	11 4 65	24	15,150	544	305	1	19,100	3.4	646	2-68	36	691	15
21-30-0091	6231742	1221835	10 20 64	19	16,345	580	305	2	19,355	3.2	624	10-67	40	696	15
21-30-0095	6303435	1348259	3 7 65	44	15,510	591	305	1	24,710	3.6	884	10-67	36	1063	37
21-30-0141	5984435	1278644	8 14 63	24	15,116	558	295	3	18,073	3.5	630	10-67	42	706	15
21-30-0151	6454217	1239886	8 11 65	20	15,900	564	305	1	21,200	3.1	654	9-67	36	583	18
21-30-0189	6266282	1239886	8 24 64	28	14,255	530	305	2	17,890	3.4	674	12-67	40	740	25
21-30-0189	6650044	1348259	9 16 65	25	14,170	518	305	1	17,540	3.4	591	12-67	36	619	20
21-30-0189	5801086	1239886	10 28 62	20	14,100	503	305	3	18,973	3.7	707	7-67	42	723	33
21-30-0189	5801085	1239886	8 27 62	13	14,000	515	302	3	17,766	3.3	593	3-67	42	594	19
21-30-0192	5620430	1278644	11 5 65	8	14,720	525	305	1	24,290	3.3	800	3-68	36	1106	27
21-30-0198	6042412	1240125	10 25 63	12	14,410	560	305	2	17,400	3.9	681	7-67	40	612	22
21-30-0202	5950150	1368057	11 10 63	69	15,890	598	293	3	21,800	3.6	782	11-67	34	984	32
21-30-0202	5950143	1312279	12 6 63	78	15,995	599	285	2	21,780	3.6	775	11-67	32	725	23
21-30-0202	5832894	1372195	4 25 63	75	15,373	584	304	3	22,306	3.1	681	10-67	34	996	16
21-30-0202	5715831	1368057	11 3 62	73	15,785	604	300	4	18,532	4.0	741	2-68	36	591	27
21-30-0202	5716833	1368057	12 24 62	76	15,720	599	297	4	18,817	3.8	711	1-68	36	639	23
21-30-0202	6350196	1372195	3 7 65	73	15,265	593	297	2	19,960	3.8	767	4-68	32	629	24
21-30-0202	6106530	1280222	4 15 64	72	15,475	574	305	2	21,005	4.0	832	9-67	32	632	34

TABLE 5.-HIGH-RANKING PROGENY OF DHIA SIRE: HOLSTEIN-Continued

COW'S LAST HERD CODE	COW'S REGISTRATION NO.	COW'S SIRE REGISTRATION NO.	COW'S BIRTH DATE (Mo.) (Day) (Yr.)	HERDMATES			AVERAGE PRODUCTION OF COW				LAST CALVING		REPEAT- ABILITY (Pct.)	COW INDEX	
				NUM- BER	MILK (Lb.)	FAT (Lb.)	IN MILK (Days)	REC- ORDS	MILK (Lb.)	FAT (Pct.)	(Mo.) (Yr.)	CAR		MILK	FAT
21-30-0317	6424697	1278644	8 15 65	16	14,520	539	304	1	17,640	3.8	2-68		36	624	17
21-30-0317	6394418	1240125	8 29 65	18	14,320	541	305	1	18,630	3.6	1-68		36	646	21
21-30-0348	5297141	1239886	1 26 61	10	14,234	533	305	5	18,962	3.7	11-67		44	770	32
21-30-0349	5909031	1388332	10 24 63	31	14,560	530	305	3	19,230	3.8	7-67		33	752	31
21-30-0349	5909030	1388332	10 19 63	31	14,755	549	305	2	20,325	3.5	8-67		30	797	24
21-30-0528	5899493	1278644	8 3 63	21	13,700	504	303	3	17,706	3.4	10-67		42	810	17
21-30-0528	6038423	1408080	12 18 63	17	13,540	499	299	2	16,855	3.7	10-67		36	655	19
21-30-0532	6314046	1278644	2 23 65	34	15,030	542	305	1	20,680	3.6	10-67		36	817	22
21-30-0532	5816648	1278644	3 4 63	36	15,602	558	293	4	18,770	3.3	3-68		44	756	15
21-30-0695	5763173	1239885	9 24 62	37	17,175	598	296	4	22,375	3.2	12-67		44	671	21
21-30-0695	5763172	1239886	9 24 62	33	17,006	589	300	3	23,816	3.5	11-67		42	979	39
21-30-0821	5557628	1199324	7 9 61	34	16,568	581	295	5	18,058	3.2	9-67		44	746	18
21-30-0821	6031215	1239886	8 26 63	43	17,755	611	305	2	21,710	3.6	9-67		40	605	28
21-30-0898	5819854	1424266	4 1 63	52	12,480	439	301	3	16,963	3.4	12-67		32	662	23
21-30-0969	5909883	1389471	10 26 63	19	13,896	510	303	3	18,206	3.5	12-67		42	722	18
21-30-0969	5957578	1389471	12 22 63	17	13,135	478	305	2	19,310	3.3	9-67		40	869	19
21-30-0976	5872454	1282262	9 8 62	14	16,803	602	300	3	22,553	3.4	7-67	B	42	707	19
21-30-0976	6203122	1389471	8 19 64	12	17,850	652	305	1	23,480	3.8	5-67		35	717	23
21-31-0002	6327377	1278644	12 31 64	7	16,340	554	304	1	18,750	3.7	9-67		36	585	17
21-31-0013	6548587	1348259	12 11 65	9	14,820	536	305	1	18,160	3.8	12-67		36	622	26
21-31-0019	6529266	1239242	6 29 65	69	15,260	501	305	1	21,050	3.1	9-67		36	752	22
21-31-0019	6529273	1303198	9 5 65	49	15,230	504	305	1	20,270	3.3	11-67		36	643	22
21-31-0019	6226077	1221835	11 12 64	59	15,180	499	305	1	18,050	3.2	8-67		36	611	17
21-31-0038	6286699	1312008	10 2 64	22	15,505	557	305	2	20,175	3.6	10-67		40	643	30
21-31-0038	6658386	1221835	6 8 65	24	16,290	578	305	1	20,250	3.2	8-67		36	700	16
21-31-0040	5844375	1239886	3 19 63	6	15,695	586	303	2	20,640	3.5	9-67		40	685	24
21-31-0046	6500617	1221835	4 6 65	8	13,990	491	305	1	20,340	3.2	10-67		36	861	23
21-31-0104	4846331	1060259	2 26 59	14	13,752	505	304	7	16,730	3.5	11-67		44	740	19
21-31-0104	6169688	1239242	12 4 64	32	15,165	553	305	2	19,005	3.4	11-67		40	695	20
21-31-0187	6437278	1312008	10 10 65	11	17,550	623	305	1	26,050	3.3	12-67		35	823	33
21-31-0212	5742236	1221835	9 3 62	20	15,546	545	298	3	18,746	3.0	2-67		42	741	12
21-31-0215	6520330	1348259	2 22 66	12	16,490	603	305	1	19,750	3.5	3-68		36	604	22
21-31-0215	6353297	1348259	1 6 65	10	15,660	588	305	1	22,830	3.8	7-67		36	913	37
21-31-0221	6497312	1278644	12 10 65	25	15,710	539	305	1	20,620	3.2	2-68		36	767	16
21-31-0221	6497281	1389471	7 9 64	37	13,510	471	305	2	17,610	3.5	10-67		40	662	19
21-31-0221	6751883	1389471	7 21 65	35	13,420	477	305	1	19,640	3.2	9-67		35	728	16
21-31-0221	6751881	1389471	7 17 65	35	13,420	477	305	1	18,540	3.6	9-67		35	645	18
21-31-0234	6521228	1348259	9 23 65	34	16,020	578	305	1	20,640	3.7	1-68		36	702	28
21-31-0234	6016462	1239886	10 23 63	36	14,735	519	305	2	18,820	3.4	8-67		40	588	22
21-31-0244	6054938	1239886	11 14 63	11	16,010	613	305	2	20,100	3.6	5-67		40	601	23
21-31-0244	6160046	1389471	1 11 64	11	16,130	611	305	2	19,595	3.9	5-67		40	624	21
21-31-0305	5959845	260599C	8 16 63	33	14,440	523	305	2	20,110	3.5	3-67		40	860	20
21-31-0305	5905491	1199324	10 10 62	24	13,750	496	305	2	17,470	3.1	2-67		40	932	22
21-31-0305	5361321	1199324	6 9 61	22	15,373	557	305	3	17,936	3.4	3-67		42	850	23
21-31-0330	5114473	1060259	7 21 59	8	15,038	529	302	6	17,776	3.3	7-67		44	725	16

21-31-0389	5806642	1199324	4 14 63	6	13,480	484	305	2	14,905	3.4	508	6-67	40	696	20
21-31-0397	5894487	1413087	8 31 63	15	13,253	507	279	3	16,676	3.5	588	4-68	33	582	18
21-31-0429	6006916	1240125	10 15 63	46	15,350	537	305	2	19,105	3.4	651	8-67	40	699	21
21-31-0429	6005225	1239886	1 10 63	41	15,406	528	305	3	19,906	3.4	681	10-67	42	695	27
21-31-0429	6186905	1285709	6 10 64	45	14,945	533	305	2	22,060	3.2	707	11-67	40	952	23
21-31-0446	5013645	1222994	11 11 59	23	13,372	474	305	5	16,426	3.7	602	12-66	44	712	28
21-31-0446	6265177	1278644	12 18 65	30	11,930	420	305	1	17,510	3.9	679	9-67	36	788	26
21-31-0490	6636617	1408091	4 17 63	12	13,933	509	305	3	19,146	3.3	631	12-67	32	658	16
21-31-0525	5916929	1380945	9 10 63	23	15,235	520	300	2	23,090	3.2	733	3-68	40	616	18
21-31-0525	5497918	1199324	10 28 61	32	15,200	519	302	4	16,935	3.5	601	12-67	44	756	27
21-31-0525	5497915	1359770	10 28 61	24	14,133	487	295	3	20,033	3.4	675	3-67	42	824	21
21-31-0525	6412275	1330987	7 22 65	34	15,750	554	288	1	20,390	3.0	613	11-67	36	712	24
21-31-0601	6165292	1272896	12 15 63	34	16,123	584	297	3	21,763	3.2	703	12-67	40	776	24
21-31-0621	6190100	1244009	1 21 64	29	15,695	557	305	2	20,795	3.3	676	7-67	40	944	22
21-31-0621	6190108	1244009	8 11 64	34	18,395	630	305	2	20,300	3.3	678	1-68	40	647	16
21-31-0621	6190099	1244009	1 21 64	26	15,565	553	305	2	18,500	3.6	664	7-67	40	723	21
21-31-0621	6542036	1239242	11 23 65	35	18,670	641	305	1	22,730	3.4	769	12-67	36	648	21
21-31-0693	5953718	1244009	11 25 63	31	18,013	618	305	3	20,943	3.4	711	4-68	42	778	21
21-31-0621	5953724	1239242	11 21 63	34	18,070	623	305	3	20,700	3.4	706	2-68	42	632	21
21-31-0621	6248589	1244009	11 9 64	28	18,350	639	305	2	21,365	3.5	747	2-68	40	759	22
21-31-0621	6248590	1244009	11 16 64	37	18,335	630	305	2	20,485	3.3	681	12-67	40	671	16
21-31-0693	5985280	1239886	12 21 63	29	16,140	577	305	2	21,975	3.1	692	11-67	40	780	23
21-31-0693	6128814	1240125	5 12 64	34	15,510	546	305	2	21,185	3.4	722	9-67	40	895	28
21-31-0693	5659653	1240125	9 8 62	45	15,525	541	305	4	18,512	3.4	629	9-67	44	675	20
21-31-0738	6162448	1437721	7 10 64	22	19,395	701	305	2	29,965	3.6	1065	12-67	28	1400	49
21-31-0738	5943559	1391688	7 10 63	18	17,106	623	303	3	21,506	3.2	680	7-67	37	905	14
21-31-0738	5943562	1404788	8 25 63	20	17,520	617	305	3	23,916	3.5	836	10-67	34	1130	44
21-32-0003	5893442	1239886	8 20 63	12	19,510	651	305	2	24,530	3.5	860	4-67	40	731	33
21-32-0026	6274051	1221835	10 26 64	18	17,730	647	293	2	19,850	3.4	684	11-67	40	620	15
21-32-0031	5960250	1199324	10 22 63	23	15,395	553	295	2	17,525	3.9	681	5-67	40	787	31
21-32-0031	5624767	1199324	7 20 62	17	15,833	572	299	3	20,260	3.2	653	5-67	42	1069	27
21-32-0031	5800019	1199324	2 10 63	17	16,493	607	303	3	18,690	3.3	626	4-67	42	821	20
21-32-0031	6411565	1347940	11 1 65	29	15,520	557	305	1	17,770	3.7	659	10-67	36	713	27
21-32-0045	6529602	1348259	11 27 65	11	13,420	517	305	1	16,940	4.1	692	12-67	36	625	28
21-32-0050	6461976	1348259	9 15 65	31	15,330	571	301	1	19,690	4.0	778	10-67	36	701	31
21-32-0050	6209383	1239886	8 28 64	34	15,920	590	305	2	20,955	3.5	727	11-67	40	696	25
21-32-0065	6321366	1278644	1 11 65	20	15,440	534	292	2	19,365	3.5	681	12-67	40	778	22
21-32-0080	6209087	1278644	10 12 64	45	15,120	602	272	2	21,455	3.4	722	2-68	40	1020	20
21-32-0094	6404027	1347940	8 28 65	29	14,980	513	305	1	16,680	3.3	555	9-67	36	668	22
21-32-0094	6246724	1312008	9 28 64	32	14,160	552	305	1	24,420	3.5	846	7-67	36	929	36
21-32-0097	6735869	1348259	9 22 65	19	15,900	620	305	1	21,160	3.6	756	1-68	36	749	25
21-32-0097	6582074	1348259	10 18 65	50	14,810	582	279	1	19,040	4.0	771	11-67	36	688	30
21-32-0109	6432077	1259069	1 20 65	9	13,560	522	305	1	21,680	3.1	679	7-67	36	831	16
21-32-0113	6446266	1221835	2 1 65	24	15,250	534	305	1	17,910	3.4	610	10-67	36	596	16
21-32-0113	6297559	1303198	12 15 64	17	14,120	472	278	1	20,420	3.0	614	6-67	36	728	20

TABLE 5.—HIGH-RANKING PROGENY OF DHIA SIRE: HOLSTEIN—Continued

COW'S LAST HERD CODE	COW'S REGISTRATION NO.	COW'S SIRE REGISTRATION NO.	COW'S BIRTH DATE (Mo., Day) (Yr.)	HERDMATES			AVERAGE PRODUCTION OF COW				LAST CALVING		REPEAT- ABILITY (Pct.)	COW INDEX	
				NUM- BER	MILK (Lb.)	FAT (Lb.)	IN MILK (Days)	REC- ORDS	MILK (Lb.)	FAT (Pct.)	(Mo.) (Yr.)	CAR		MILK	FAT
21-32-0113	6187899	1240125	5 3 64	26	15,130	514	305	2	22,180	3.3	11-67		40	1031	31
21-32-0124	6384150	1348259	10 13 65	28	16,110	561	305	1	20,820	3.4	1-68		36	710	26
21-32-0125	6215762	1259069	6 6 64	17	11,970	421	305	1	19,930	3.4	8-67		36	807	23
21-32-0139	5704901	1303179	7 15 62	18	17,203	602	305	3	22,396	3.4	6-67		34	776	24
21-32-0147	6534187	1348259	11 19 65	6	12,870	444	305	1	16,880	3.3	11-67		36	657	23
21-32-0163	5746531	1222994	2 20 63	20	17,380	586	290	3	19,580	3.2	12-66		42	629	17
21-32-0174	6103474	1429519	6 18 64	33	13,420	472	305	2	17,835	3.5	11-67		29	670	23
21-32-0175	6071057	1429519	11 26 63	49	13,465	466	305	2	22,230	3.8	6-67		29	1197	49
21-32-0176	6203461	1433779	8 4 64	13	14,335	528	305	2	21,265	3.3	8-67		29	990	27
21-32-0176	6192853	1221835	10 1 64	15	14,720	543	300	2	21,480	3.2	9-67		40	1060	24
21-32-0180	6193305	1282936	7 29 64	22	14,715	541	305	2	19,265	3.2	7-67		36	821	23
21-32-0180	5879714	1282936	5 11 63	24	15,066	555	305	3	17,290	3.6	9-67		41	599	22
21-32-0180	5946080	1282936	11 5 63	21	16,066	592	293	3	18,503	4.3	12-67		41	636	37
21-32-0180	5702374	1282936	10 18 62	21	15,570	576	305	3	18,206	4.1	9-67		41	653	33
21-32-0181	6057248	1278644	9 30 63	25	16,130	565	300	3	18,213	3.5	2-68		42	617	15
21-32-0181	6296492	1348259	3 21 65	51	15,390	533	305	1	18,710	3.4	6-67		35	631	22
21-32-0182	6510056	1348259	3 8 65	27	12,300	426	305	1	17,780	3.3	9-67		36	762	26
21-32-0193	6384545	1282936	8 21 65	17	15,730	579	305	1	19,370	3.5	10-67	B	34	648	21
21-32-0193	5617641	1282936	7 24 62	8	17,130	648	185	2	21,805	3.6	6-67		36	861	30
21-32-0195	6342291	1303198	8 1 65	27	13,280	439	305	1	18,600	3.8	10-67		36	649	28
21-32-0195	6234825	1221835	12 10 64	7	12,500	416	305	1	19,780	3.2	6-67		36	919	26
21-32-0202	6319285	1347940	5 6 65	18	15,400	558	305	1	17,040	3.7	9-67		36	667	25
21-32-0206	5375346	1199324	6 18 61	16	13,080	461	305	2	16,350	3.4	11-67		40	879	26
21-32-0208	6521217	1348259	11 24 65	5	16,710	581	305	1	19,770	3.6	11-67		36	615	25
21-32-0209	4929452	1060259	6 1 59	12	17,063	604	278	6	18,821	3.5	2-67		44	625	16
21-32-0209	5615273	1372346	11 27 61	22	15,735	577	294	4	19,417	3.8	11-67		37	757	29
21-32-0209	5615276	1372346	1 21 62	24	15,977	593	299	4	22,697	3.3	1-68		37	1178	27
21-32-0234	6361053	1199324	11 11 63	20	12,920	455	305	3	14,853	3.4	11-67		42	749	23
21-32-0234	6351052	1199324	10 30 63	16	13,245	463	305	2	14,965	3.6	11-67		40	724	25
21-32-0280	6559870	1348259	11 5 65	20	18,280	692	281	1	21,990	3.5	11-67		36	675	22
21-32-0280	5916018	1244009	6 25 63	23	17,116	625	295	3	21,976	3.4	12-67		42	990	25
21-32-0352	5984412	1239886	8 9 62	34	15,667	564	305	4	19,015	3.4	11-67		44	592	21
21-32-0454	6017965	1282262	10 8 63	15	15,003	600	305	3	21,563	3.6	3-68		42	747	19
21-32-0454	5245267	1221835	1 11 65	17	14,790	571	288	1	17,690	3.9	7-67		36	610	19
21-32-0461	6119635	1389471	10 31 63	25	14,790	520	305	3	17,790	3.7	2-68		42	580	19
21-32-0512	5966403	1239886	11 27 63	12	13,355	458	301	2	17,500	3.3	3-67		40	580	23
21-32-0512	5872948	1358005	11 17 62	14	13,815	478	300	4	17,057	3.4	3-68		42	791	13
21-32-0538	6494994	1348259	1 5 66	5	14,280	528	305	1	21,670	3.1	2-68		36	896	25
21-32-0538	6494995	1348259	2 5 66	5	14,280	528	305	1	19,080	3.6	2-68		36	703	26
21-32-0538	6418438	1312008	9 10 65	31	15,010	527	305	1	20,570	3.3	10-67		36	585	26
21-32-0569	6293368	1348259	4 25 65	27	15,610	543	305	1	20,820	3.4	5-67		35	776	27
21-32-0653	5294805	1199324	3 13 61	27	15,005	543	303	4	18,967	3.4	4-67		44	1029	29
21-32-0653	5294803	1199324	2 12 61	32	15,650	562	289	5	16,198	3.5	12-67		44	613	18
21-32-0653	5294802	1199324	2 11 61	37	15,118	542	296	5	17,652	3.7	9-67		44	862	30
21-32-0653	5928104	1419528	10 29 63	32	15,003	526	287	3	17,760	3.9	9-67		39	623	31

21-32-0695	6355002	1348259	8 9 65	22	16,740	582	305	1	20,790	3.2	658	9-67	36	689	21
21-32-0716	5725293	1404202	11 20 62	30	14,177	502	292	4	17,382	3.6	621	11-67	41	855	22
21-32-0812	5816543	1320334	5 28 63	10	15,646	530	280	3	19,796	3.3	651	12-67	33	647	17
21-32-0812	5219963	1320334	11 29 60	9	15,372	513	305	5	19,202	3.3	632	11-67	36	659	18
21-32-0812	4978986	1060259	8 9 59	17	15,116	505	292	5	16,888	3.5	583	2-67	44	602	19
21-32-0812	6116457	1259069	3 31 64	15	15,850	530	305	2	20,920	3.4	712	12-67	40	750	23
21-32-0851	6110985	260599C	12 20 63	23	16,580	588	305	2	22,430	3.4	767	6-67	40	900	20
21-32-0851	4544024	1253588	11 5 57	16	16,645	582	305	4	23,690	3.2	763	7-67	40	1088	26
21-32-0851	5784141	1382546	3 15 63	15	16,645	596	287	2	19,390	3.6	704	10-67	30	598	20
21-32-0851	5582943	1382546	4 17 62	17	17,380	610	302	4	19,607	3.4	668	10-67	35	597	16
21-32-0853	5531295	1240125	12 4 61	19	16,712	634	305	4	21,017	3.4	713	7-67	44	852	20
21-32-0853	6424662	1348259	8 28 65	13	19,780	729	305	1	22,930	3.7	838	12-67	36	644	25
21-32-0853	6424658	1221835	4 23 65	16	18,590	700	305	1	23,220	3.7	849	11-67	36	767	23
21-32-0853	6203609	1278644	11 12 64	18	18,505	688	305	2	22,435	3.6	798	12-67	40	810	19
21-32-0853	5970114	1221835	8 1 63	15	18,093	670	304	3	20,736	3.9	813	12-67	42	706	28
21-33-0002	6541123	1389471	7 1 65	19	12,460	456	305	1	17,710	3.8	668	3-68	35	627	20
21-33-0020	6708777	1348259	3 10 65	14	14,250	524	305	1	17,320	3.2	554	7-67	35	604	16
21-33-0048	5947206	1259069	12 8 63	21	12,805	442	187	2	17,785	3.1	555	8-67	40	710	15
21-33-0100	6602738	283698C	5 11 64	13	15,970	542	305	1	22,440	3.0	682	10-67	27	773	9
21-33-0102	6095829	1221835	7 10 64	9	13,115	444	305	2	18,410	3.1	576	11-67	40	895	23
21-33-0149	5970049	1239242	10 19 63	14	15,503	554	301	3	20,606	3.4	695	1-68	42	887	27
21-33-0149	6382799	1303198	5 8 64	15	15,430	537	304	2	19,480	3.6	702	10-67	40	670	26
21-33-0149	6272962	1239242	4 19 64	14	15,375	532	305	2	19,010	3.7	696	10-67	40	676	27
21-33-0517	6236589	1303198	9 21 64	54	17,845	643	302	2	20,840	3.3	696	10-67	40	588	16
21-33-0517	6634837	1348259	12 9 65	41	16,610	581	305	1	21,510	3.4	741	2-68	36	728	27
21-33-0517	6418891	1303198	9 9 65	56	17,390	616	305	1	22,620	3.4	761	10-67	36	673	21
21-33-0817	6329965	1419528	9 11 63	20	16,485	566	302	2	19,275	3.5	678	12-67	36	640	24
21-33-0895	6749787	1223243	3 30 65	24	16,830	602	305	1	22,370	3.2	719	7-67	35	744	20
21-34-0004	6379427	1348259	4 25 65	5	15,530	548	305	1	19,190	3.4	655	8-67	35	658	22
21-34-0004	6093176	260599C	5 16 64	26	16,285	574	305	2	21,450	3.0	640	11-67	40	797	8
21-34-0042	5598279	1221835	8 8 61	13	14,512	520	296	4	16,462	3.5	584	2-67	44	595	18
21-34-0042	5805486	1239886	8 13 62	10	14,887	540	264	4	19,435	3.1	609	12-67	44	731	19
21-34-0074	5760527	1239886	11 20 62	11	16,393	580	288	3	23,993	3.4	804	2-67	42	1063	37
21-34-0074	6420245	1221835	6 8 65	12	18,070	659	305	1	20,280	3.5	715	12-67	36	583	16
21-34-0074	6055549	1278644	12 2 63	20	17,560	640	305	2	22,360	3.5	783	11-67	40	889	22
21-34-0095	6398724	1239242	9 15 65	32	14,240	485	305	1	19,380	3.3	644	3-68	36	696	22
21-34-0100	5771606	1372874	11 22 62	11	16,333	582	299	3	21,306	3.0	637	11-67	41	1023	13
21-34-0102	4706411	1298377	10 7 58	22	14,790	517	305	6	21,360	3.3	705	11-67	36	953	27
21-34-0102	5454950	1199324	9 22 61	25	15,007	527	294	4	20,152	3.4	682	2-67	44	1175	36
21-34-0282	4954389	1060259	1 21 59	30	12,838	460	304	6	18,516	3.4	634	10-67	44	1076	31
21-34-0402	6395586	1221835	10 9 65	9	17,350	636	305	1	21,120	3.6	751	12-67	36	694	20
21-34-0603	5771543	1221835	8 30 62	35	13,443	489	297	3	16,176	3.5	567	2-67	42	663	19
21-34-0665	5555840	1199324	10 5 61	25	15,880	581	305	5	19,246	3.6	698	9-67	44	980	33
21-34-0749	5536019	1240125	11 29 61	29	14,840	524	301	3	19,760	3.5	691	10-67	42	870	29
21-34-0749	6275164	1278644	2 21 65	20	14,080	505	305	1	17,150	3.7	631	7-67	36	617	15

TABLE 5.—HIGH-RANKING PROGENY OF DHIA SIRE: HOLSTEIN—Continued

COW'S LAST HERD CODE	COW'S REGISTRATION NO.	COW'S SIRE REGISTRATION NO.	COW'S BIRTH DATE (Mo.) (Day) (Yr.)	HERDMATES			AVERAGE PRODUCTION OF COW				LAST CALVING		REPEAT- ABILITY (Pct.)	COW INDEX	
				NUM- BER	MILK (Lb.)	FAT (Lb.)	IN MILK (Days)	REC- ORDS	MILK (Lb.)	FAT (Pct.)	(Mo.) (Yr.)	CAR		MILK	FAT
21-34-C0758	6239008	1278644	1 13 65	5	17,610	629	301	2	21,005	3.6	747	1-68	40	747	20
21-34-C0841	5854873	1278644	8 10 63	20	15,060	563	304	3	19,630	3.5	686	12-67	42	891	21
21-34-C0788	6100272	1330987	2 27 64	19	13,875	489	305	2	19,010	3.9	738	5-67	40	854	43
21-34-C0844	6183522	1221835	11 14 64	29	13,610	499	305	1	16,300	3.8	618	9-67	36	586	19
21-34-C0850	6392013	1278644	9 11 65	22	13,980	525	305	1	18,290	3.6	658	9-67	36	709	17
21-35-C0016	6084620	1199324	2 3 64	17	15,080	531	287	2	18,195	3.4	621	8-67	40	884	27
21-35-C0016	5969606	1222994	8 10 63	24	15,795	527	305	2	17,015	3.2	614	11-66	40	693	22
21-35-C0023	6336137	1348259	3 30 65	12	14,750	520	305	1	19,940	3.7	659	6-67	35	617	25
21-35-C0027	6374822	1282936	6 6 65	7	15,050	542	305	1	18,120	4.1	740	8-67	31	597	31
21-35-C0027	6263552	1329588	11 24 64	20	15,685	545	305	2	18,885	3.4	650	10-67	40	594	17
21-35-C0027	6129767	1329588	6 27 64	17	15,810	549	290	2	19,640	3.4	674	11-67	40	659	20
21-35-C0027	4582323	1087974	3 15 58	19	15,686	549	304	6	18,015	3.6	656	6-67	44	668	27
21-35-C0029	5503618	1215958	12 28 61	29	16,975	619	305	4	21,097	3.6	749	9-67	42	830	27
21-35-C0029	5271442	1065220	11 14 60	15	17,140	596	305	4	22,072	3.7	809	6-67	44	764	30
21-35-C0029	6479705	1276654	8 1 65	37	19,880	731	305	1	26,850	3.4	921	12-67	36	728	20
21-35-C0029	6239068	1199077	7 29 64	48	19,515	704	305	2	23,890	3.3	790	10-67	35	718	20
21-35-C0029	6239091	1303198	12 2 64	46	19,550	714	305	1	24,640	3.2	788	10-67	36	679	16
21-35-C0029	6024343	1055021	8 30 63	48	19,910	715	305	3	24,143	3.2	772	11-67	40	775	12
21-35-C0029	5776612	1199324	11 2 62	43	20,050	718	305	3	20,070	3.8	754	12-67	42	611	24
21-35-C0029	5576294	1144239	3 5 61	44	19,256	683	305	5	25,232	3.0	761	2-68	44	840	7
21-35-C0044	5706125	1282185	12 16 62	40	15,723	545	305	3	19,830	3.4	676	10-67	42	610	18
21-35-C0044	6239090	1303198	11 12 64	37	15,900	544	305	1	21,490	3.6	768	8-67	36	689	26
21-35-C0044	6305907	1221835	1 22 65	59	16,000	550	305	1	19,300	3.8	740	11-67	36	649	25
21-35-C0044	6433956	1329588	9 12 64	26	16,230	570	305	2	20,450	3.6	732	2-68	40	703	24
21-35-C0044	5481771	1240125	10 30 61	20	16,965	609	288	4	19,647	3.4	675	6-67	44	655	18
21-35-C0050	4327627	1239886	1 1 57	29	17,388	609	304	8	22,813	3.2	734	10-67	44	900	28
21-35-C0050	6117397	1438533	7 5 64	26	17,410	598	294	2	21,830	3.3	726	9-67	30	651	16
21-35-C0051	6433955	1278644	8 20 64	19	16,520	597	239	2	20,840	3.3	695	12-67	40	830	17
21-35-C0067	5467390	1303526	12 24 61	12	17,320	622	305	3	21,206	3.6	762	4-68	36	846	25
21-35-C0067	5905869	1408080	8 26 63	29	15,646	572	297	3	22,113	3.0	670	9-67	38	1111	17
21-35-C0071	6012898	1222994	1 4 64	13	14,480	578	305	2	16,835	3.7	623	4-67	40	592	18
21-35-C0073	5925422	1389777	9 5 63	6	17,370	653	295	3	19,786	3.7	734	2-68	36	590	18
21-35-C0073	6362428	1389777	12 7 64	12	16,280	622	305	1	22,130	3.6	795	8-67	28	776	22
21-35-C0073	5756242	1389777	1 22 63	10	16,256	609	287	3	18,903	3.6	680	10-67	36	606	16
21-35-C0079	6477446	1278644	10 19 65	26	17,160	619	305	1	21,080	3.6	749	10-67	36	704	17
21-35-C0079	6196038	1278644	11 20 64	26	17,160	619	304	1	22,960	3.5	809	10-67	36	844	22
21-35-C0089	5746030	1240125	9 18 62	9	13,905	493	304	4	17,805	3.7	655	11-67	44	768	29
21-35-C106	6483166	1278644	9 15 65	27	17,240	621	305	1	21,340	3.4	715	9-67	36	718	15
21-35-C108	6525273	1348259	10 4 65	28	16,930	609	305	1	22,020	3.4	751	10-67	36	768	26
21-35-C126	6113822	1221835	4 29 64	17	13,935	489	291	2	18,020	3.3	598	11-67	40	781	21
21-35-C135	5949523	1221835	12 10 63	25	17,770	681	280	3	21,573	3.2	701	10-67	42	836	14
21-35-C141	5683344	1377691	11 8 62	11	16,737	615	305	4	18,770	3.6	668	2-68	44	615	15
21-35-C143	4218479	1222994	3 12 56	27	15,792	577	290	9	18,470	3.8	708	10-66	42	695	29
21-35-C246	6378582	1348259	9 1 65	15	16,180	544	305	1	19,280	3.1	607	12-67	36	590	19
21-35-C246	6305590	1278644	11 30 64	11	15,865	523	297	2	18,880	3.3	618	12-67	40	690	16

21-35-0248	6366301	1278644	2 19 65	16	15,680	554	289	2	19,260	3.3	641	1-68	40	746	16
21-35-0263	6499793	1278644	2 21 66	16	19,820	758	305	1	22,460	3.8	858	3-68	36	628	16
21-35-0263	6488436	1348259	8 29 65	24	21,120	822	305	1	26,540	3.8	1020	10-67	36	823	32
21-35-0263	6228789	1312008	10 16 64	27	20,925	793	305	2	25,735	4.3	1115	11-67	40	712	49
21-35-0273	5339030	1221835	2 26 61	18	14,246	517	272	3	18,640	3.7	683	4-67	42	863	29
21-35-0289	6030417	1221835	11 21 62	19	11,685	388	305	2	15,465	3.2	490	11-67	40	727	19
21-35-0301	5947314	1278644	12 8 63	20	13,840	525	305	1	20,870	3.4	703	11-67	36	911	20
21-35-0307	6125177	1221835	9 27 63	13	15,520	544	294	2	18,350	3.5	650	4-67	40	670	21
21-35-0309	6158565	1389471	5 29 64	18	15,510	589	305	2	22,545	3.4	772	10-67	40	981	23
21-35-0309	6026048	1244009	12 19 63	15	15,520	596	305	2	23,000	3.5	799	1-68	40	1184	31
21-35-0333	6850780	1309948	8 18 65	41	15,950	563	305	1	20,380	3.7	745	11-67	34	660	23
21-35-0333	6850785	1386406	9 8 65	42	15,680	550	305	1	19,990	3.9	789	11-67	35	719	34
21-35-0333	6850786	1386406	9 23 65	42	15,680	550	305	1	19,900	3.6	713	11-67	35	712	28
21-35-0357	6190792	1278644	11 12 64	59	13,710	502	282	2	18,880	3.1	584	3-68	40	887	15
21-35-0369	5930794	1259069	9 7 62	18	17,792	635	305	4	21,955	3.3	729	11-67	44	765	17
21-35-0381	5983754	1239886	7 16 63	30	15,740	586	305	2	22,435	3.4	752	10-67	40	863	28
21-35-0385	6460866	1348259	9 22 65	23	13,410	473	305	1	17,200	3.4	587	9-67	36	645	23
21-35-0407	6477440	1260125	9 9 65	6	16,360	557	305	1	21,210	3.3	710	2-68	36	702	22
21-35-0407	6053871	1278644	2 23 64	23	16,110	534	274	1	20,810	3.4	701	10-67	36	754	19
21-35-0427	5163908	1150470	10 2 60	18	17,065	581	305	4	24,560	3.4	828	9-67	44	944	29
21-35-0439	5482896	1240125	8 6 61	9	18,400	657	296	1	21,820	3.5	767	1-68	36	611	20
21-35-0439	6499720	1348259	11 25 65	9	18,390	654	305	1	21,940	3.6	799	1-68	36	640	26
21-35-0450	4818616	1060259	12 22 58	43	15,597	560	299	7	19,384	3.5	670	12-67	44	868	24
21-35-0458	6146174	1244009	10 4 64	13	14,980	524	299	2	17,665	3.9	696	2-68	40	691	27
21-35-0466	5982607	1221835	10 23 63	39	17,720	647	302	2	19,730	3.4	678	10-67	40	609	15
21-35-0466	5848376	1239886	12 4 62	27	17,493	644	302	3	22,320	3.4	762	8-67	42	756	25
21-35-0507	6415780	1348259	10 14 65	27	12,440	456	300	1	17,370	4.2	722	3-68	36	699	34
21-35-0507	6275182	1312008	4 15 65	40	13,000	492	305	1	18,840	3.7	701	1-68	36	591	29
21-35-0559	5648518	1221835	9 19 62	15	12,610	436	305	2	16,360	3.3	533	3-67	40	733	19
21-35-0565	5314860	1199324	3 20 61	18	13,490	485	302	4	19,377	3.5	672	2-67	44	1248	39
21-35-0668	6555274	1278644	5 13 65	14	13,860	500	305	1	16,930	4.2	708	6-67	36	616	22
21-35-0668	5633155	1221835	8 19 61	13	15,082	565	302	4	20,520	3.5	720	6-67	44	1033	29
21-35-0683	5657076	1259069	10 10 62	9	13,893	503	305	3	17,393	3.6	621	9-67	42	610	17
21-35-0683	5901120	1222994	9 23 63	5	13,335	480	294	2	17,220	3.4	582	5-67	40	735	23
21-35-0833	5708399	1389777	10 28 62	25	13,740	524	285	2	17,255	3.8	655	11-67	34	643	21
21-37-0007	5728091	1222994	1 1 63	14	16,050	590	286	2	21,450	3.8	809	12-66	40	917	36
21-37-0007	5599928	1259069	3 2 62	7	16,320	612	304	3	19,506	4.3	833	6-67	42	602	31
21-37-0007	5945360	1222994	3 16 63	7	15,993	627	298	3	18,443	3.8	696	6-67	42	642	21
21-37-0033	5690801	1283917	9 8 62	22	15,443	555	305	3	19,573	3.1	597	9-67	42	798	6
21-37-0033	5843562	1199324	10 21 61	15	16,813	611	305	3	23,153	3.5	817	2-67	42	1301	42
21-37-0084	6317984	1348259	5 25 65	18	16,430	602	305	1	19,990	3.4	670	8-67	35	657	20
21-37-0095	5911098	1221835	8 13 63	25	16,446	571	294	3	19,243	3.3	629	11-67	42	705	17
21-37-0095	5911099	1221835	8 17 63	22	16,516	577	300	3	19,656	3.2	636	12-67	42	745	18
21-37-0095	6161077	1393997	9 4 64	28	16,370	561	301	2	20,560	3.4	707	12-67	35	779	33
21-37-0102	5684722	1259069	11 20 62	9	16,655	601	305	4	20,515	3.3	687	2-68	44	714	16

TABLE 5.—HIGH-RANKING PROGENY OF DHIA SIRE: HOLSTEIN—Continued

COW'S LAST HERD CODE	COW'S REGISTRATION NO.	COW'S SIRE REGISTRATION NO.	COW'S BIRTH DATE (Mo.) (Day) (Yr.)	HERDMATES			AVERAGE PRODUCTION OF COW				LAST CALVING (Mo.) (Yr.)		REPEAT- ABILITY (Pct.)	COW INDEX	
				NUM- BER	MILK (Lb.)	FAT (Lb.)	IN MILK (Days)	REC- ORDS	MILK (Lb.)	FAT (Pct.)				MILK	FAT
21-37-0102	5152604	1259069	8 20 60	5	15,490	555	299	6	18,595	3.6	661	2-68	44	622	18
21-37-0138	5960150	1278644	12 10 63	12	16,486	590	305	3	18,433	3.6	665	3-68	42	606	16
21-37-0139	6457313	1298372	9 30 65	12	15,890	544	305	1	21,390	3.2	694	1-68	34	798	21
21-37-0538	6526922	1330987	2 25 65	62	15,010	567	305	1	20,940	3.9	813	9-67	36	802	38
21-37-0558	4338600	1148993	11 23 56	13	16,428	631	302	9	20,793	4.2	863	2-68	43	799	42
21-37-0558	6096710	1408321	1 22 64	19	16,120	624	300	2	20,470	4.1	840	12-67	30	646	36
21-37-0558	6260732	1363196	1 11 65	20	15,750	601	305	1	21,840	3.7	804	7-67	29	629	29
21-39-0025	5693999	1404202	11 6 62	12	17,565	624	305	2	22,250	3.4	746	6-67	38	1000	21
21-39-0061	5775445	1221835	10 29 62	33	15,767	573	292	4	18,920	3.2	611	8-67	44	759	15
21-39-0061	6113310	1221835	8 12 64	20	15,240	559	285	2	18,095	3.5	627	10-67	40	669	17
21-39-0061	5318444	1221835	2 13 61	25	15,884	570	300	5	17,912	3.6	647	7-67	44	629	20
21-39-0061	5955909	1221835	8 22 63	37	15,780	571	305	2	20,885	3.2	661	9-67	40	903	20
21-39-0113	5622798	1239886	6 2 62	16	13,886	495	305	3	18,266	3.4	614	3-67	42	664	24
21-39-0113	6299740	1417208	11 13 64	16	14,730	538	305	2	20,580	3.3	669	2-68	40	960	28
21-39-0156	6307490	1389471	6 28 64	12	14,050	505	289	2	19,235	3.5	680	3-68	40	757	21
21-39-0156	6354252	1221835	4 11 65	12	14,080	494	305	1	17,800	3.5	616	9-67	36	666	19
21-39-0156	5663026	1372874	8 19 62	15	14,900	536	280	3	17,766	3.3	583	1-68	41	757	12
21-39-0201	5900962	1222994	10 5 63	27	14,955	553	305	2	19,565	3.7	723	5-67	40	825	30
21-39-0214	6477899	1348259	11 29 65	13	16,810	593	305	1	20,610	3.6	748	1-68	35	647	27
21-39-0232	6079434	1283917	12 12 61	13	14,840	518	305	2	20,735	3.3	679	9-67	40	1015	17
21-39-0232	6079431	1283917	12 18 63	12	13,840	518	289	2	21,195	3.6	764	9-67	40	1062	26
21-39-0288	5207206	1221835	11 20 60	26	16,055	569	303	4	19,235	3.5	670	5-67	44	766	23
21-39-0288	6444741	1221835	10 5 65	28	16,720	618	305	1	19,320	3.9	753	10-67	35	602	21
21-39-0288	5752695	1372874	8 7 62	37	16,347	597	302	4	19,122	3.2	621	9-67	42	781	10
21-39-0329	5928538	1199324	12 12 61	13	14,386	520	305	3	16,810	3.7	624	11-67	42	822	29
21-39-0385	6228351	1221835	11 17 64	19	13,610	476	305	1	17,460	3.8	662	7-67	36	672	24
21-39-0476	5838480	1239886	10 20 61	12	16,576	606	305	3	20,076	3.6	715	6-67	42	593	24
21-39-0476	5838485	1221835	1 14 63	15	15,873	590	291	3	20,426	3.4	693	4-67	42	900	23
21-39-0476	5838488	1381443	9 30 62	17	16,410	600	293	4	20,890	3.8	801	4-68	38	732	34
21-39-0476	5838479	1239886	9 2 61	22	15,857	581	305	4	20,160	3.8	771	9-67	44	713	34
21-39-0476	5838486	1221835	3 16 63	11	15,930	586	299	3	22,306	3.5	783	3-67	42	1111	34
21-39-0476	6344561	1221835	9 28 63	14	15,755	586	305	2	18,830	4.2	782	1-67	40	697	31
21-39-0476	6344560	1221835	8 22 63	19	15,733	586	303	3	20,826	3.3	694	9-67	42	961	23
21-39-0478	5722495	1010936	9 12 60	22	14,460	531	304	3	18,366	3.3	613	1-68	42	643	20
21-39-0529	5401067	1364653	3 25 61	25	17,037	617	303	4	21,272	3.2	685	11-67	42	787	12
21-39-0529	6455630	1221835	6 9 65	26	16,450	630	303	1	21,730	3.4	730	6-67	36	800	19
21-39-0529	6270578	1348259	3 26 65	26	16,640	627	295	1	20,110	3.9	785	6-67	35	652	27
21-39-0534	5922481	1239886	11 10 63	10	17,985	654	305	2	25,355	3.2	821	5-67	40	954	29
21-39-0534	6025013	1239886	1 19 64	26	17,655	670	301	2	22,210	3.7	812	12-67	40	665	27
21-39-0584	5763015	1221835	11 15 62	13	15,732	550	300	4	17,792	3.5	618	12-67	44	624	19
21-39-0584	5933045	1340669	12 10 63	14	13,053	469	298	3	17,253	3.2	551	9-67	42	740	9
21-39-0678	5594759	1239886	1 2 62	25	15,937	573	299	4	19,307	3.6	700	9-67	44	598	27
21-39-0678	6183405	1221835	12 18 64	23	16,240	589	305	1	20,500	3.3	672	8-67	36	722	17
21-40-0023	6232168	1415089	10 14 64	27	16,510	626	305	2	20,105	3.6	719	9-67	29	615	20
21-40-0023	6232170	1415089	10 28 64	12	16,510	615	305	1	21,230	3.5	745	8-67	23	629	22

21-40-0023	6288404	1415089	11 12 64	12	16,510	615	305	1	21,300	3.9	828	8-67	23	634	29
21-40-0047	6450712	1221835	3 18 65	12	14,020	498	305	1	20,140	3.3	664	9-67	36	844	23
21-40-0049	5974015	1392865	9 3 63	20	15,500	567	305	2	20,340	3.9	796	10-67	30	656	34
21-40-0050	5966925	1396189	8 26 63	12	15,700	560	305	3	20,383	3.3	669	2-68	34	682	15
21-40-0050	6466430	1348259	3 27 65	10	13,540	503	305	1	20,080	3.2	636	7-67	35	860	24
21-40-0063	5896833	1394824	10 7 63	22	13,806	506	305	3	17,716	3.7	660	2-68	36	643	23
21-40-0063	5707779	1239886	10 5 62	24	14,320	524	303	4	19,395	3.5	676	10-67	44	789	29
21-40-0067	6052755	1239886	11 23 63	14	13,125	480	305	2	17,845	3.5	622	12-67	40	636	25
21-40-0073	5985334	1240125	8 9 63	25	13,693	500	284	3	17,810	3.6	642	9-67	42	764	26
21-40-0081	6493302	1348259	12 20 65	6	13,330	460	295	1	17,040	3.8	652	3-68	36	614	28
21-40-0124	6264900	1438006	12 4 64	5	14,250	514	293	2	16,905	3.5	586	1-68	36	618	25
21-40-0254	6449230	1221835	1 20 65	9	16,030	569	305	1	20,510	3.8	789	11-67	36	737	27
21-40-0585	6380282	1348259	10 23 65	18	16,880	624	303	1	20,980	3.5	744	12-67	36	693	25
21-40-0585	5605845	1221835	2 8 62	22	15,892	580	298	4	19,022	3.5	665	11-67	44	758	21
21-40-0733	5877266	1362225	8 28 63	16	16,193	586	305	3	20,503	3.5	718	10-67	35	777	23
21-40-0768	6298834	1278644	2 24 65	36	16,480	601	305	1	21,530	3.1	669	10-67	36	783	13
21-40-0768	5495604	1240125	12 17 61	21	15,475	547	188	2	20,155	3.4	679	1-68	40	794	23
21-40-0811	5512497	1221835	12 11 61	28	14,030	507	280	5	16,322	3.5	575	11-67	44	640	18
21-42-0015	5752276	1298717	2 5 63	18	16,316	590	295	3	20,786	3.3	685	8-67	37	829	22
21-42-0015	5082296	1298717	1 12 60	27	16,084	583	303	5	19,218	3.7	720	10-67	39	698	29
21-42-0015	6278983	1278644	3 1 65	25	16,880	630	305	1	22,730	3.4	784	9-67	36	845	19
21-42-0015	6635814	1278644	2 25 64	23	16,450	609	305	2	19,430	3.9	762	11-67	40	693	23
21-42-0022	6033568	1383468	11 25 63	14	15,545	549	305	2	18,590	3.6	660	4-67	38	648	16
21-42-0022	4912950	1148993	3 3 59	25	16,911	572	303	6	20,910	3.0	637	7-67	43	757	19
21-42-0027	6308378	1223243	4 22 65	17	18,500	650	301	1	25,130	3.2	804	8-67	35	839	23
21-42-0033	6156615	1303198	9 27 64	9	14,850	538	305	1	20,040	3.7	740	5-67	36	651	25
21-42-0088	6086872	1259069	2 2 64	21	12,510	440	305	2	16,910	3.4	581	9-67	40	648	18
21-42-0088	6029542	1259069	7 8 62	15	13,245	454	305	2	19,560	3.6	699	8-67	40	850	28
21-42-0088	5887172	1199324	10 10 63	11	13,300	467	294	3	14,306	3.4	489	12-67	42	647	19
21-42-0126	6349548	1221835	10 27 64	25	16,985	605	305	2	19,835	3.7	743	11-67	40	686	25
21-42-0132	5901900	1312008	10 25 63	83	13,163	480	300	3	18,050	3.7	665	3-68	42	701	34
21-42-0132	9411803	1348259	12 15 65	91	13,160	479	305	1	17,620	3.3	576	2-68	36	669	21
21-42-0132	6425650	1385451	1 6 66	103	13,090	483	305	1	18,740	3.7	700	12-67	24	621	24
21-42-0132	6405125	1278644	12 8 65	62	13,200	477	305	1	15,890	3.7	591	3-68	36	582	15
21-42-0132	6871533	1278644	10 15 65	62	13,200	477	301	1	16,850	3.5	593	3-68	36	654	15
21-42-0137	6009513	1278644	8 29 63	30	13,920	498	305	2	17,320	3.4	587	8-67	40	710	15
21-42-0155	5524659	1239886	11 9 61	22	15,568	569	305	5	19,326	3.4	650	11-67	44	662	21
21-42-0155	6446234	1278644	9 15 65	18	16,450	626	305	1	19,560	3.9	764	10-67	36	638	18
21-42-0162	6508372	1278644	11 6 65	13	16,150	600	305	1	23,480	3.2	752	2-68	36	950	19
21-42-0181	6660491	1348259	12 6 65	22	16,230	561	305	1	20,040	3.3	662	11-67	36	667	23
21-42-0192	6264858	1278644	8 15 64	15	15,095	528	305	2	17,545	3.6	624	12-67	40	625	16
21-42-0198	5557619	1240125	2 3 62	21	15,265	561	274	4	17,822	3.6	643	12-67	44	619	20
21-42-0198	5533137	1221835	11 30 61	18	15,412	564	283	3	18,480	3.7	690	11-67	44	744	26
21-42-0221	5760553	1222994	9 15 62	19	15,723	569	305	3	18,323	4.2	765	6-67	42	656	35
21-42-0254	4776407	1060259	11 11 59	10	15,398	574	305	6	21,496	3.4	735	7-67	44	1163	31

TABLE 5.—HIGH-RANKING PROGENY OF DHIA Sires: HOLSTEIN—Continued

COW'S LAST HERD CODE	COW'S REGISTRATION NO.	COW'S SIRE REGISTRATION NO.	COW'S BIRTH DATE (Mo.) (Day) (Yr.)	HERDMATES			AVERAGE PRODUCTION OF COW				LAST CALVING		REPEAT- ABILITY (Pct.)		COW INDEX	
				NUM- BER	MILK (Lb.)	FAT (Lb.)	IN MILK (Days)	REC- ORDS	MILK (Lb.)	FAT (Pct.)	(Mo.) (Yr.)	CAR			MILK	FAT
21-42-0254	6168638	1330987	9 29 64	12	16,155	599	305	2	21,270	3.4	11-67		40		875	31
21-42-0265	4794484	1087974	9 20 58	18	13,160	476	292	8	16,821	3.3	4-68	B	44		807	23
21-42-0269	6051223	1239886	7 26 63	25	14,683	528	299	3	18,860	3.2	11-67		42		649	19
21-42-0292	6480300	1278644	9 27 65	7	19,340	694	305	1	23,620	3.1	3-68		36		747	12
21-42-0292	5862205	1404202	9 20 62	28	18,510	664	289	2	21,090	3.3	10-67		38		788	13
21-42-0345	5647856	1240125	4 17 62	15	14,755	525	305	2	18,835	3.4	10-67		40		726	21
21-42-0345	6394325	1278644	11 30 64	13	15,085	537	305	2	18,240	3.6	11-67		40		697	18
21-42-0345	5375787	1221835	4 18 61	15	14,910	526	305	2	17,640	3.5	9-67		40		653	20
21-42-0353	6399018	1330987	9 24 65	20	18,320	691	305	1	25,130	3.7	11-67		36		893	37
21-42-0353	6031502	1239886	2 9 63	12	17,750	656	305	3	21,216	3.9	5-67		42		603	31
21-42-0370	6621143	1221835	11 12 64	14	14,150	509	305	1	18,460	3.5	11-67		36		710	21
21-42-0554	6790389	1348259	12 5 65	18	13,830	501	305	1	17,210	3.7	11-67		36		617	25
21-42-0746	5952182	1404264	12 5 63	12	15,243	555	304	3	21,133	3.5	2-68		32		823	26
21-42-0757	5920972	1278644	10 5 63	43	15,740	575	303	3	18,956	3.4	11-67		42		743	15
21-42-0757	5798680	1154946	4 18 63	33	15,785	575	292	4	21,952	3.1	12-67		44		981	19
21-42-0757	5299297	1065220	11 18 60	27	15,930	570	299	6	19,760	3.5	3-68		44		634	19
21-42-0806	6788826	1278644	10 8 65	31	15,980	573	305	1	20,330	3.4	10-67		36		727	15
21-42-0806	6707992	1278644	2 20 65	21	15,420	540	305	1	18,990	3.8	7-67		36		665	21
21-42-0806	5669214	1222994	9 12 62	29	16,503	561	297	3	19,190	3.6	10-66		42		675	28
21-42-0806	5623729	1222994	8 9 62	27	16,710	579	305	3	19,996	3.7	12-66		42		746	32
21-42-0806	6290211	1312008	1 21 65	11	15,360	559	297	2	21,275	3.5	4-68		40		768	32
21-42-0806	6290209	1312008	11 12 64	18	15,730	570	305	2	26,650	3.4	3-68		40		1279	48
21-42-0807	6114485	1404822	7 19 64	20	14,980	509	305	2	18,760	3.3	11-67		30		740	23
21-43-0042	6100082	1312008	1 21 64	5	16,070	603	305	2	21,895	3.8	6-67		40		766	37
21-43-0088	6455252	1312008	9 15 65	16	14,330	526	304	1	20,330	3.8	10-67		36		612	33
21-44-0006	5671010	1154946	3 9 62	6	14,007	528	291	4	18,107	3.6	4-68		44		704	19
21-44-0009	6194580	1312008	12 21 64	7	13,775	524	301	2	18,345	3.1	4-68		40		615	17
21-44-0015	5890304	1221835	8 15 62	15	13,086	475	305	3	17,416	3.5	4-67		42		843	25
21-44-0033	6531648	1441026	9 26 65	16	14,320	526	305	1	15,750	3.4	11-67		28		674	15
21-44-0033	6531631	1441026	9 20 65	15	14,600	537	305	1	16,870	3.2	10-67		28		747	15
21-44-0036	5528264	1239886	10 28 61	14	16,305	568	303	4	20,660	3.9	7-67		44		725	41
21-44-0048	6569743	1348259	1 8 66	9	18,100	641	305	1	22,300	3.5	11-67		36		710	26
21-44-0056	6042713	1239886	8 24 63	15	14,760	539	302	2	19,750	3.6	11-67		40		680	27
21-44-0056	6313383	1278644	2 11 65	17	14,400	539	305	1	19,620	3.4	8-67		36		780	16
21-44-0066	5734638	1239886	8 4 62	20	15,166	541	299	3	20,820	3.4	12-67		42		825	31
21-44-0143	6135871	1312008	6 10 64	14	16,965	642	305	2	23,325	3.5	10-67		40		829	32
21-44-0177	6904609	1348259	1 8 66	9	17,840	635	305	1	23,000	3.5	2-68		36		756	28
21-44-0178	4885692	1060259	11 28 63	6	14,548	533	296	6	18,083	3.5	10-67		44		822	22
21-44-0182	5928675	1403387	9 10 63	25	15,280	577	305	2	19,585	4.1	12-67		29		634	34
21-44-0235	6054156	1199324	1 16 64	26	14,310	552	305	2	14,895	3.9	8-67		40		619	20
21-44-0235	6115888	1239886	5 7 64	26	14,145	552	305	2	19,500	3.6	10-67		40		711	26
21-44-0536	6281776	1221835	10 21 64	12	12,615	456	305	2	16,075	3.6	12-67		40		704	22
21-44-0640	5699975	1221835	9 21 62	17	13,103	471	304	3	17,606	3.3	8-67		42		863	22
21-44-0838	5801255	1358301	9 20 62	15	14,097	509	300	4	19,455	3.6	12-67		33		845	31
21-44-0838	6309738	1303198	9 19 64	30	14,020	519	305	1	18,530	3.6	9-67		36		594	20

21-44-0933	6247756	1259069	5 22 64	21	18,710	693	305	1 25,520	3.8	979	12-67	36	772	27
21-44-0933	5690667	260599C	11 21 62	15	18,153	637	305	3 23,140	3.3	773	5-67	42	899	18
21-44-0933	6110522	1303198	6 27 64	17	17,820	663	197	2 22,530	3.5	793	1-68	8	762	24
21-44-0933	4960817	1154946	9 15 59	29	15,555	548	305	6 18,896	3.8	722	7-67	44	646	27
21-45-0006	6025081	1278644	8 6 63	28	15,463	555	219	3 19,736	3.4	669	3-68	8	861	20
21-45-0014	5963769	1389471	11 15 63	23	15,860	574	305	3 20,813	3.4	709	10-67	42	840	20
21-45-0014	5384335	1239886	8 5 61	14	15,792	568	305	5 19,210	3.5	668	12-67	44	621	24
21-45-0031	6302092	1348259	4 18 65	8	14,840	525	305	1 17,860	3.6	641	8-67	35	605	23
21-45-0031	6263971	1239886	3 26 65	32	15,600	562	305	1 22,210	3.3	737	9-67	36	678	24
21-45-0031	6367404	1348259	8 9 65	34	15,550	558	305	1 22,570	3.2	712	9-67	36	901	27
21-45-0090	5596859	1239886	1 23 62	10	14,463	522	305	3 18,263	3.8	692	3-67	42	604	30
21-45-0120	6052267	1239886	10 12 63	19	16,493	572	305	3 21,290	3.6	761	12-67	42	742	33
21-45-0155	6267070	1329588	1 10 65	12	16,350	611	291	2 19,540	3.5	693	2-68	40	600	16
21-45-0164	6343470	1398216	11 10 63	5	16,026	569	278	3 20,886	3.2	664	12-67	41	944	19
21-45-0170	6301718	1221835	3 28 65	21	17,720	640	305	1 21,450	3.3	712	11-67	36	694	17
21-45-0170	6301715	1312008	3 14 65	19	16,330	581	305	1 28,080	3.2	907	9-67	36	1056	39
21-45-0170	6439493	1278644	8 11 65	18	16,690	585	305	1 20,670	3.7	774	9-67	36	705	22
21-45-0171	6365563	1348259	3 27 65	14	20,300	762	294	1 23,510	3.7	863	7-67	35	660	23
21-45-0171	6365565	1278644	6 15 65	15	20,950	784	305	1 24,180	4.0	960	7-67	36	680	22
21-45-0198	5982419	1221835	4 7 63	12	15,303	548	305	3 18,176	3.7	666	12-67	42	701	24
21-45-0199	6475608	1278644	11 23 65	17	14,990	560	305	1 19,790	3.5	696	2-68	36	753	17
21-45-0224	6369972	1348259	4 7 65	10	16,300	592	305	1 20,570	3.3	676	9-67	36	702	22
21-45-0238	5960527	1239886	7 22 63	12	16,360	570	304	3 20,270	3.2	650	12-67	42	638	20
21-45-0238	5960531	1239885	9 4 63	19	15,590	555	305	3 22,823	3.3	764	11-67	42	839	29
21-45-0288	5945824	1239885	7 25 63	10	15,310	576	301	3 20,973	3.5	744	8-67	42	656	25
21-45-0288	5720777	1221835	8 14 62	10	17,433	637	298	3 21,163	3.9	818	4-67	42	824	32
21-45-0292	6516490	1348259	1 12 66	14	15,790	553	305	1 19,150	3.2	613	12-67	36	630	20
21-45-0292	6161672	1239886	11 5 64	15	15,380	552	305	2 20,945	3.3	685	12-67	40	745	24
21-45-0363	5595658	1199324	3 15 61	14	16,902	608	303	4 19,135	3.7	711	5-67	44	839	31
21-45-0599	6213491	1240125	8 20 64	26	15,090	548	304	2 18,360	3.6	653	10-67	40	647	21
21-45-0599	6213494	1438006	9 16 64	16	15,535	562	296	2 20,915	3.4	719	12-67	36	928	35
21-45-0599	5886390	1239886	10 18 62	12	16,606	601	304	3 20,190	3.5	716	2-67	42	603	20
21-45-0621	6017682	1199324	2 5 64	14	16,210	553	305	2 17,540	3.2	554	8-67	40	714	18
21-45-0725	6033366	1221835	12 30 63	9	15,520	551	302	2 19,045	3.5	659	5-67	40	740	21
21-45-0725	6342147	1221835	2 27 65	11	14,300	523	305	1 17,040	3.7	629	9-67	36	594	18
21-45-0725	6342148	1221835	4 27 65	11	14,300	523	305	1 18,940	3.6	675	9-67	36	736	22
21-45-0772	6325121	1389471	3 4 64	54	15,100	531	291	2 19,815	3.5	684	9-67	40	741	19
21-45-0785	6339632	1348259	5 11 65	6	17,240	623	305	1 20,950	3.7	766	11-67	36	667	26
21-45-0888	6319785	1221835	6 10 65	20	16,220	545	305	1 20,970	3.2	672	11-67	36	759	20
21-45-0888	6415304	1278644	11 20 65	5	15,750	551	305	1 18,250	3.7	684	2-68	36	587	17
21-47-0015	6077786	1351089	2 20 64	30	16,395	543	305	2 22,380	3.6	805	10-67	29	746	36
21-47-0043	6420512	1278644	9 19 65	15	15,880	516	305	1 19,670	3.2	624	8-67	36	684	15
21-47-0043	6535931	1348259	10 29 65	16	15,990	540	291	1 19,860	3.2	640	11-67	36	670	23
21-47-0055	6476313	1239242	7 24 65	29	13,720	495	305	1 17,550	3.6	636	4-68	36	594	21
21-47-0055	4988499	1060259	4 30 59	68	12,910	459	305	3 15,413	3.6	561	5-67	42	646	21

TABLE 5.—HIGH-RANKING PROGENY OF DHIA SIRES: HOLSTEIN—Continued

COW'S LAST HERD CODE	COW'S REGISTRATION NO.	COW'S SIRE REGISTRATION NO.	COW'S BIRTH DATE (Mo.) (Day) (Yr.)	HERDMATES			AVERAGE PRODUCTION OF COW					LAST CALVING		REPEAT- ABILITY (Pct.)	COW INDEX	
				NUM- BER	MILK (Lb.)	FAT (Lb.)	IN MILK (Days)	REC- ORDS	MILK (Lb.)	FAT (Pct.)	FAT (Lb.)	(Mo.) (Yr.)	CAR		MILK	FAT
21-47-0055	6377797	1239242	1 16 65	81	12,570	467	305	1	18,060	3.6	659	6-67		36	709	24
21-47-0055	6190580	1239242	4 20 64	60	12,825	472	305	2	16,550	3.7	616	9-67		40	659	24
21-47-0055	6190588	1239242	6 3 64	59	13,525	486	298	2	19,465	3.4	657	3-68		40	891	27
21-47-0061	5882784	1240125	9 21 63	17	14,420	608	298	3	21,886	3.2	700	11-67		42	847	21
21-48-0022	6229157	1240125	8 28 64	23	14,105	517	291	2	18,470	3.2	583	10-67		40	748	16
21-48-0022	6317166	1348259	3 5 65	18	12,380	440	304	1	15,550	3.6	557	7-67	H	35	597	22
21-48-0022	6449707	1389471	8 5 65	9	13,970	517	305	1	19,290	3.5	675	1-68		35	664	16
21-48-0081	6335463	1239886	8 10 64	23	17,830	640	305	2	21,880	3.4	747	8-67		40	616	23
21-48-0097	6209705	1398216	8 5 64	20	14,825	535	305	2	17,220	3.8	651	7-67		39	618	21
21-48-0149	6410462	1221835	10 16 65	13	15,850	576	305	1	21,140	3.7	780	10-67		36	796	26
21-48-0180	6885288	1278644	11 2 65	6	15,990	559	293	1	19,090	3.5	662	10-67		36	634	15
21-48-0182	6413334	1348259	11 27 65	45	15,620	575	305	1	19,520	3.6	693	1-68		36	646	24
21-48-0182	6191041	1278644	11 18 64	43	15,905	587	295	2	21,885	3.7	810	12-67		40	992	30
21-48-0182	6166257	1221835	11 5 64	45	15,755	585	296	2	19,105	3.6	686	10-67		40	725	21
21-48-0182	5968046	1271019	9 12 63	38	15,903	582	305	3	20,803	3.8	791	12-67		42	725	28
21-48-0186	5858791	1363715	2 23 63	22	13,073	463	278	3	17,476	3.3	579	11-67		32	622	16
21-48-0344	6018224	1426312	10 29 63	47	15,136	569	301	3	19,490	3.8	743	12-67		32	655	26
21-48-0441	6455823	1348259	10 14 65	39	18,600	687	305	1	22,170	3.1	696	9-67		36	667	17
21-48-0580	6182621	1278644	10 23 64	14	17,045	621	305	2	21,635	3.0	658	2-68		40	862	11
21-48-0580	6263750	1348259	3 22 65	24	16,580	610	305	1	22,530	3.1	689	8-67		36	829	22
21-48-0879	5159472	1319146	3 1 60	14	15,096	545	302	6	19,178	3.4	647	7-67		43	779	14
21-49-0003	6267982	1303198	1 1 65	41	15,980	579	297	1	20,760	3.5	724	11-67		36	629	21
21-49-0003	5852450	1239886	7 5 63	22	16,306	578	305	3	20,463	3.5	710	1-68		42	666	26
21-49-0003	5852451	1199324	7 23 63	30	16,480	589	305	3	17,673	3.5	614	12-67		42	705	21
21-49-0014	6341532	1348259	8 6 65	27	15,040	550	305	1	20,210	3.8	768	10-67		36	760	32
21-49-0014	6399253	1348259	8 27 65	27	14,270	534	305	1	19,230	3.9	744	9-67		36	738	31
21-49-0014	6399252	1348259	8 17 65	27	14,270	534	305	1	18,300	3.6	659	9-67		36	669	24
21-49-0014	6221796	1412108	11 26 64	25	14,890	544	304	2	20,660	3.2	652	2-68		28	813	16
21-49-0017	5805902	1239886	1 20 63	13	16,140	588	290	2	20,345	4.0	807	12-67		40	614	34
21-49-0017	5999472	1278644	12 2 63	14	16,400	612	302	2	23,175	3.8	876	12-67		40	1077	34
21-49-0039	5867512	1221835	8 14 63	14	14,900	547	305	2	19,555	3.4	667	3-67		40	848	23
21-49-0039	5867511	1221835	7 28 63	19	13,670	500	299	3	17,300	3.7	636	10-67		42	769	26
21-49-0039	6116035	1239886	3 15 64	23	13,305	488	305	2	18,050	3.7	666	8-67		40	640	28
21-49-0044	5641518	1239886	4 6 62	7	13,460	490	305	3	17,750	3.7	651	2-67		42	648	28
21-49-0044	6420200	1278644	9 15 64	7	14,980	546	305	2	18,520	3.4	624	4-68		40	735	15
21-49-0075	6275913	1239886	1 17 65	28	18,220	580	305	2	22,310	3.1	683	11-67		40	624	22
21-49-0080	4943004	1154946	10 16 59	11	14,366	497	302	5	19,064	3.2	618	7-67		44	806	19
21-49-0080	5598173	1240125	1 11 62	13	15,315	557	304	4	20,660	3.4	708	2-68		44	964	28
21-49-0089	6210220	260599C	9 23 64	25	16,550	558	188	2	19,940	3.6	715	2-68	B	40	619	17
21-49-0089	6210221	1329588	11 4 64	25	16,730	564	305	2	19,690	3.6	718	2-68		40	580	23
21-49-0090	6593050	1221835	10 27 64	5	14,870	532	305	1	18,760	3.4	637	11-67		36	684	18
21-49-0102	6586673	1239886	10 20 64	10	15,630	548	301	2	19,560	3.1	611	12-67		40	581	17
21-49-0148	6547148	1389471	12 20 64	29	17,640	622	305	1	22,090	3.5	783	12-67		35	606	17
21-49-0154	5793522	1404202	3 12 63	8	13,553	494	305	3	21,066	3.3	688	12-67		40	1344	30
21-49-0156	6766279	1348259	3 5 65	10	10,520	353	305	1	14,730	3.3	490	5-67		35	662	23

21-49-0158	5859347	1240125	12 20 61	31	11,532	394	297	4	14,240	3.4	490	1-68	44	591	19
21-49-0171	5622942	1239886	5 21 62	22	13,000	470	305	3	17,376	3.6	619	10-67	42	653	27
21-49-0171	5683888	1372874	9 19 62	7	12,693	462	284	3	16,433	3.5	580	2-68	41	809	18
21-49-0171	6312164	1278644	6 20 65	27	13,630	482	305	1	18,200	3.3	602	10-67	36	726	16
21-49-0174	5604494	1154946	11 8 61	6	15,404	554	270	5	18,310	3.6	665	1-68	44	588	19
21-49-0184	6327394	1240125	2 25 65	22	14,510	507	305	1	18,620	3.5	646	3-68	36	633	21
21-49-0186	6339617	1239242	2 15 65	8	15,490	541	305	1	19,900	3.1	624	2-68	36	651	17
21-49-0186	5987356	1239886	12 10 63	17	15,525	569	305	2	21,545	3.1	664	8-67	40	792	21
21-49-0188	6129466	1412792	8 31 64	18	18,350	633	292	1	21,930	3.2	707	12-67	24	581	16
21-49-0298	5975281	1278644	10 8 63	40	15,196	530	303	3	18,943	3.1	590	1-68	42	798	14
21-49-0452	6378830	1389471	5 27 65	60	14,740	535	300	1	22,090	3.9	868	9-67	35	823	29
21-49-0452	6400939	1303198	9 15 65	49	14,940	546	291	1	19,410	3.2	618	9-67	36	598	15
21-49-0535	6547146	1389471	7 2 64	37	12,810	449	305	1	17,940	3.5	620	7-67	35	641	16
21-49-0535	5995437	1199324	4 10 63	29	13,916	472	209	3	15,713	3.6	571	10-67	42	745	28
21-49-0535	5894677	1199324	12 18 61	37	14,920	515	305	2	16,375	3.6	590	3-67	40	714	25
21-49-0535	5621401	1199324	2 20 62	34	14,702	502	236	4	16,905	3.4	580	12-67	44	808	26
21-49-0589	6459625	1278644	8 8 65	14	13,770	481	305	1	18,090	3.5	627	8-67	36	708	18
21-49-0770	6422974	1387603	8 28 65	23	15,990	600	305	1	20,200	3.6	723	12-67	23	712	20
21-49-0770	5968015	1387603	11 9 63	28	15,645	597	299	2	18,740	3.6	670	10-67	29	685	18
21-49-0770	5968016	1387603	11 12 63	29	16,060	603	276	1	20,250	3.4	691	9-67	23	710	17
21-49-0770	6188267	1387603	9 17 64	28	16,000	606	304	2	21,825	3.1	684	12-67	29	1020	19
21-49-0788	6157066	1417030	11 2 64	37	13,955	508	296	2	19,775	3.0	597	1-68	31	894	14
21-49-0788	5658851	260599C	10 11 62	40	14,423	519	305	3	17,556	3.7	646	11-66	42	639	16
21-49-0973	5931674	1389471	10 13 63	28	15,323	531	304	3	18,863	3.5	657	9-67	42	669	19
21-49-0984	6413032	1453418	8 22 65	39	14,170	508	305	1	20,310	3.3	677	7-67	28	612	19
21-49-0984	6413031	1239242	9 9 65	37	14,030	505	305	1	18,230	3.1	564	7-67	36	624	15
21-49-0984	6413030	1239242	8 15 65	37	14,030	505	305	1	17,660	3.7	658	7-67	36	582	22
21-49-0984	6483653	1239242	9 1 65	48	14,460	523	301	1	18,310	3.3	612	8-67	36	601	17
21-50-0019	6534165	1240125	5 25 64	8	12,515	448	195	2	15,415	3.4	531	10-67	40	583	17
21-50-0038	6422298	1393047	9 15 65	32	18,570	672	305	1	21,440	3.6	777	3-68	25	602	20
21-50-0038	5934087	1393047	8 30 63	32	18,016	650	297	3	24,213	3.4	827	2-68	33	1152	34
21-50-0038	5934083	1393047	7 16 63	33	17,886	648	305	3	22,830	3.6	818	11-67	33	984	33
21-50-0038	6069263	1424030	1 5 64	32	16,430	608	305	2	21,305	3.9	822	8-67	28	717	32
21-50-0038	6179579	1393047	7 12 64	36	18,175	654	303	2	21,630	3.2	696	12-67	30	740	15
21-50-0038	6179581	1393047	7 19 64	32	17,410	630	305	2	20,065	3.4	675	10-67	30	637	15
21-50-0038	6179580	1393047	7 19 64	34	17,970	647	305	2	21,760	3.3	724	11-67	30	777	19
21-50-0038	6338869	1424030	2 13 65	21	18,280	639	305	1	23,500	3.2	742	3-67	22	662	16
21-50-0038	6303887	1393047	12 10 64	27	18,480	657	305	2	21,550	3.4	732	3-68	30	699	19
21-50-0038	6288379	1424030	11 11 64	22	16,050	577	305	1	20,760	3.4	705	6-67	22	595	17
21-50-0053	6503329	1278644	11 12 65	24	16,190	576	305	1	18,730	3.6	673	1-68	36	594	15
21-50-0056	6302020	1221835	3 23 65	6	15,640	596	301	1	19,380	3.6	696	9-67	36	679	19
21-50-0082	6477539	1221835	8 23 65	12	15,800	564	305	1	21,880	3.4	739	10-67	36	854	24
21-50-0136	5387779	1199324	3 21 61	35	15,783	560	305	3	18,820	3.5	650	2-67	42	909	28
21-50-0136	4772332	1065220	11 30 58	22	14,244	519	262	5	17,990	3.8	680	10-67	44	601	23
21-50-0136	6338870	1424030	5 14 65	38	15,120	493	305	1	23,620	3.3	773	8-67	22	931	30

TABLE 5.—HIGH-RANKING PROGENY OF DHIA Sires: HOLSTEIN—Continued

COW'S LAST HERD CODE	COW'S REGISTRATION NO.	COW'S SIRE REGISTRATION NO.	COW'S BIRTH DATE (Mo.) (Day) (Yr.)	HEROMATES			AVERAGE PRODUCTION OF COW				LAST CALVING		REPEAT- ABILITY (Pct.)		COW INDEX	
				NUM- BER	MILK (Lb.)	FAT (Lb.)	IN MILK (Days)	REC- ORDS	MILK (Lb.)	FAT (Pct.)	(Mo.) (Yr.)	CAR			MILK	FAT
21-50-0136	6023047	1278644	12 31 63	55	16,020	509	305	1	19,520	3.2	619	11-67	36		664	15
21-50-0136	5869050	1239886	3 1 63	53	15,165	506	305	2	21,015	3.1	641	9-67	40		771	24
21-50-0146	6337806	1221835	7 28 65	81	17,260	610	305	1	21,580	3.4	733	10-67	36		734	20
21-50-0146	5476042	1240125	10 17 61	61	17,720	604	292	4	21,182	3.6	765	10-67	44		761	30
21-50-0530	6497774	1348259	9 30 65	41	15,860	552	305	1	20,330	3.4	700	10-67	36		713	26
21-50-0530	5953568	1065220	10 16 63	21	16,370	570	303	3	21,273	3.5	740	12-67	42		710	23
21-50-0650	6416975	1278644	2 3 65	21	16,885	611	302	2	22,740	3.3	744	1-68	40		989	21
21-50-0650	6325363	1222994	8 9 64	8	15,015	576	305	2	17,460	4.1	713	6-67	40		606	27
21-50-0650	6166856	1222994	12 14 62	13	16,953	633	305	3	19,916	3.6	717	4-67	42		712	23
21-50-0843	6420399	1221835	11 15 64	29	12,730	466	305	1	15,920	3.4	545	5-67	36		616	16
21-50-0843	6420391	1239886	11 6 65	27	12,700	468	305	1	19,460	3.6	697	10-67	36		668	28
21-50-0850	4971877	1060259	9 13 58	20	13,125	472	295	7	15,095	3.6	536	4-67	44		601	17
21-50-0995	6104873	1312008	2 7 64	20	13,465	471	305	2	19,550	3.1	606	12-67	40		766	27
21-50-0995	6323529	1278644	1 1 65	24	13,215	461	279	2	16,435	3.4	556	11-67	40		684	16
21-52-0001	5178819	1278644	1 29 64	26	15,850	597	298	1	20,700	3.4	706	11-67	36		763	16
21-52-0023	6114145	1294703	6 8 64	23	14,140	525	305	2	16,485	3.6	598	12-67	40		655	17
21-52-0032	5889372	1240125	9 21 63	22	13,385	471	301	2	16,590	3.5	588	9-67	40		623	21
21-52-0034	5918192	1239886	10 9 63	10	17,200	633	305	1	23,880	3.0	725	10-67	39		696	19
21-52-0034	6288293	1221835	11 15 64	10	17,450	623	305	1	19,830	3.5	693	11-67	36		591	17
21-52-0034	6465246	1348259	8 29 65	14	17,710	618	305	1	21,170	3.5	731	12-67	36		628	24
21-52-0053	5930597	1412575	8 28 63	21	14,673	531	299	3	18,296	3.5	639	10-67	32		622	18
21-52-0053	5930592	1278644	8 22 63	23	15,413	560	299	3	18,556	3.6	661	11-67	42		731	19
21-52-0065	1389368	2 24 63	12 17 63	12	17,523	630	301	3	19,776	3.6	714	11-67	39		582	22
21-52-0071	5762606	1239886	9 30 62	21	16,646	616	299	3	20,353	3.8	765	4-67	42		618	28
21-52-0071	5975267	1278644	8 30 63	41	16,740	639	305	2	21,110	3.5	736	12-67	40		837	18
21-52-0071	5492378	1240125	11 13 61	31	17,360	645	300	5	21,714	3.6	779	12-67	44		888	28
21-52-0078	6390242	1348259	8 8 65	18	15,660	517	305	1	20,540	3.0	625	3-68	36		719	23
21-52-0078	5858641	1144239	8 7 63	28	14,480	507	303	3	20,936	3.4	709	11-67	42		749	18
21-52-0078	6238142	1285709	1 21 65	42	14,550	497	305	1	21,800	3.4	732	5-67	35		780	22
21-52-0091	5676218	1199324	8 15 62	14	17,237	624	302	4	18,277	3.8	703	11-67	44		696	28
21-52-0091	6492144	1406271	11 19 65	7	17,540	618	305	1	23,130	3.9	895	2-68	35		945	45
21-52-0091	6107807	1329588	6 20 64	15	14,695	541	305	2	18,405	3.7	678	8-67	40		636	21
21-52-0098	6146547	1278644	8 13 64	22	13,835	510	305	2	16,350	3.6	596	8-67	40		619	15
21-52-0098	5676104	1239886	10 13 62	16	14,226	531	304	3	18,220	3.5	631	12-67	42		623	22
21-52-0098	5561535	1221835	9 6 61	10	14,745	526	305	4	18,920	3.4	638	5-67	44		873	24
21-52-0102	6489523	1239242	12 1 65	39	11,260	389	305	1	17,460	3.3	572	10-67	36		753	23
21-52-0105	6503414	1357743	12 9 65	20	16,040	565	281	1	23,580	3.7	868	11-67	34		731	25
21-52-0105	5567559	1065220	12 7 61	12	16,810	593	302	5	20,502	3.6	728	12-67	44		627	21
21-52-0105	5956609	1259069	10 31 63	20	15,900	564	305	1	21,710	3.2	696	10-67	36		677	15
21-52-0116	5851915	1240125	10 16 62	16	14,605	515	302	4	17,860	3.5	622	12-67	44		697	22
21-52-0124	5876517	1221335	2 15 63	23	16,633	627	301	3	19,606	3.7	723	11-67	42		727	23
21-52-0154	4809563	1241458	11 4 58	12	15,630	542	305	1	20,020	3.4	674	2-68	28		592	20
21-52-0154	4809225	1241458	10 1 58	10	13,104	490	305	5	18,702	3.5	656	7-67	38		737	31
21-52-0155	6125767	1240125	7 15 63	9	16,696	616	297	3	22,030	3.5	773	11-67	42		939	29
21-52-0162	6447516	1396885	11 14 65	18	14,710	532	305	1	19,180	3.4	657	9-67	28		666	21

21-52-0162	5538262	1324992	9 12 61	7 15,756	560	299	5	22,522	3.5	780	2-68	41	957	32
21-52-0167	6110965	1239886	2 28 64	15 16,520	568	305	2	20,875	3.3	699	12-67	40	633	24
21-52-0167	6091967	1239886	1 9 63	19 16,220	582	305	2	22,445	3.5	780	8-67	40	820	31
21-52-0167	6181855	1278644	9 8 64	21 16,275	593	300	2	23,125	3.3	764	8-67	40	1084	25
21-52-0167	5956163	1399197	9 21 63	21 16,725	589	302	2	19,890	3.0	606	1-68	32	733	17
21-52-0167	5956165	1399197	10 4 63	17 16,725	594	301	2	23,755	3.2	763	2-68	32	1180	34
21-52-0167	6364658	1399197	1 1 65	24 16,670	583	305	1	22,530	3.6	819	1-68	26	892	36
21-52-0173	6320647	1348259	5 20 65	15 16,310	592	305	1	19,960	3.4	680	10-67	36	656	22
21-52-0185	5942566	1240125	9 29 63	15 18,550	642	305	1	23,780	3.3	793	10-67	36	747	23
21-52-0194	6265276	1239886	1 1 65	12 15,535	577	305	2	19,485	3.4	658	12-67	40	582	19
21-52-0194	5550512	1350848	2 20 62	8 17,090	623	305	1	21,960	3.5	767	4-67	34	759	17
21-52-0194	5829501	1389368	3 8 63	10 15,820	585	301	2	19,810	3.7	737	12-67	37	719	28
21-52-0202	6014655	1295523	12 13 63	24 13,780	476	292	1	16,600	3.2	532	7-67	32	650	21
21-52-0202	6123744	1295523	3 21 64	19 15,570	535	305	2	17,765	3.8	669	3-68	37	625	28
21-52-0205	6536069	1312008	10 31 65	8 16,090	572	305	1	21,650	3.5	747	12-67	36	593	27
21-52-0216	6129093	1239886	2 7 64	5 16,860	622	305	2	21,280	3.1	664	8-67	40	644	16
21-52-0224	5777751	1199324	9 16 62	21 13,990	503	291	1	14,850	3.6	530	8-67	36	655	21
21-52-0225	5713829	1404202	9 20 62	31 15,605	536	273	4	19,220	3.0	583	9-67	41	925	13
21-52-0235	6275328	1435978	1 2 65	17 14,150	542	305	1	18,280	3.8	694	7-67	25	582	22
21-52-0235	6275330	1435978	1 21 65	23 15,360	579	305	1	21,190	3.7	791	12-67	25	742	27
21-52-0254	6016975	1416648	11 24 63	8 18,640	689	290	3	21,623	3.9	841	3-68	32	592	30
21-52-0254	5940015	1416648	11 22 63	13 18,710	693	287	3	22,160	3.7	828	10-67	32	656	28
21-52-0263	5475120	1199324	8 26 61	5 16,757	611	305	4	24,150	3.8	920	8-67	44	1474	56
21-52-0268	5479128	1239886	9 28 61	17 15,695	535	301	4	19,510	3.3	640	2-67	44	650	23
21-52-0268	6017982	1244009	9 1 63	21 15,425	549	305	2	20,505	3.4	692	2-68	40	939	24
21-52-0268	5722925	1372874	12 21 62	28 15,503	534	305	3	20,706	3.4	703	11-67	41	1041	26
21-52-0277	5777478	1221835	9 11 62	8 13,455	437	305	2	17,770	3.5	617	4-67	40	799	28
21-52-0277	6137232	1221835	9 4 62	26 14,096	472	278	3	19,210	3.5	676	12-67	42	944	33
21-52-0287	5971139	1240125	9 3 63	8 15,730	582	305	2	18,975	3.6	675	6-67	40	651	20
21-52-0331	6499294	1221835	9 19 65	11 17,990	626	284	1	21,330	3.5	744	1-68	36	667	20
21-52-0431	5892571	1259069	12 19 62	16 15,650	559	303	3	19,010	3.5	672	11-67	42	615	18
21-52-0431	6238063	1259069	7 28 64	17 16,840	574	305	1	21,530	3.4	723	11-67	36	600	16
21-52-0577	6303021	1278644	12 14 65	51 17,720	619	305	1	24,150	3.0	731	10-67	36	895	16
21-52-0577	6455865	1348259	11 19 65	38 17,510	616	305	1	20,930	3.5	728	12-67	35	648	24
21-52-0577	6455866	1348259	12 14 65	38 17,510	616	299	1	22,290	3.4	753	12-67	36	749	26
21-52-0577	6419692	1221835	9 22 65	46 17,670	614	305	1	20,650	3.5	719	9-67	36	637	19
21-52-0577	6120129	1240125	6 27 64	47 18,510	664	305	2	21,040	3.6	760	2-68	40	607	21
21-52-0637	6136049	1377691	9 4 62	13 16,500	613	304	4	20,255	3.4	684	3-68	42	831	17
21-52-0647	5539153	1199324	12 20 61	13 13,910	510	305	3	16,423	3.5	568	8-67	42	827	24
21-52-0649	6642839	1271075	3 6 65	15 14,820	528	305	1	18,910	4.0	754	5-67	35	803	34
21-52-0649	5954865	1271075	7 20 63	12 15,725	598	305	2	18,680	3.6	680	11-66	40	779	25
21-52-0649	5954867	1271075	10 1 63	10 15,525	583	298	2	20,465	3.3	670	12-66	40	979	26
21-52-0690	5917874	1239886	11 15 63	29 13,820	495	305	2	18,395	3.5	653	5-67	40	628	26
21-52-0690	5289990	1154946	10 28 60	33 14,825	516	304	6	18,671	3.5	662	3-68	44	702	23
21-52-0690	6307041	1348259	3 17 65	34 13,360	468	305	1	18,000	3.9	709	9-67	36	708	33

TABLE 5.—HIGH-RANKING PROGENY OF DHIA Sires: HOLSTEIN—Continued

COW'S LAST HERD CODE	COW'S REGISTRATION NO.	COW'S SIRE REGISTRATION NO.	COW'S BIRTH DATE (Mo.) (Day) (Yr.)	HERDMATES			AVERAGE PRODUCTION OF COW				LAST CALVING		REPEAT- ABILITY (Pct.)	COW INDEX	
				NUM- BER	MILK (Lb.)	FAT (Lb.)	IN MILK (Days)	REC- ORDS	MILK (Lb.)	FAT (Pct.)	(Mo.) (Yr.)	CAR		MILK	FAT
21-52-0802	5684675	1399197	9 11 62	45	15,710	563	303	4	18,807	3.9	736	12-67	36	776	38
21-52-0800	5559499	1369639	2 9 62	29	16,345	582	303	4	19,882	3.6	715	8-67	35	704	24
21-52-0880	6722519	1348259	5 2 65	18	15,840	575	305	1	19,780	4.3	851	7-67	35	682	35
21-52-0880	6775471	1278644	10 18 65	34	17,740	644	305	1	21,560	3.6	774	3-68	36	700	18
21-52-0880	6269535	1221835	1 26 65	47	15,870	585	305	1	20,840	3.4	703	8-67	36	772	20
21-52-0880	6269528	1240125	1 21 65	59	16,160	599	305	1	19,840	3.6	712	9-67	36	613	19
21-52-0880	5406740	1239886	3 17 61	31	16,225	585	305	4	21,115	3.3	693	8-67	44	790	24
21-52-0880	6468628	1348259	8 12 65	58	17,400	635	305	1	20,880	3.6	755	1-68	36	628	24
21-52-0880	6468627	1348259	8 12 65	60	16,900	616	305	1	22,090	3.5	781	12-67	36	751	28
21-53-0003	5635060	1221835	7 21 62	6	14,840	520	305	3	19,006	3.2	608	8-67	42	844	20
21-53-0017	6138608	1239242	9 27 64	20	13,820	508	305	1	18,240	3.8	697	8-67	36	639	24
21-53-0017	6138607	1239242	9 22 64	23	14,405	529	305	2	18,195	3.2	584	10-67	40	682	16
21-53-0017	6095278	1239242	6 4 64	20	13,820	508	305	1	20,250	3.8	768	8-67	36	789	30
21-53-0017	6149994	1239242	9 8 64	17	14,855	547	305	2	19,370	3.5	671	11-67	40	760	23
21-53-0029	5978313	1278644	11 9 63	9	11,370	413	305	2	14,830	4.2	618	8-67	40	690	26
21-53-0031	6173404	1312008	10 14 64	18	15,010	558	296	2	19,830	3.8	754	8-67	40	653	34
21-53-0031	6375261	1221835	7 12 65	29	14,650	558	305	1	18,030	3.6	650	10-67	36	645	18
21-53-0075	5573743	1239886	11 30 62	16	13,983	501	305	3	19,083	3.7	708	10-67	42	747	34
21-53-0102	6763178	1278644	8 10 64	11	13,870	499	305	2	16,025	3.7	588	2-68	40	583	15
21-53-0143	6319514	1437453	9 1 64	7	16,030	568	305	2	20,445	3.9	798	3-68	29	685	36
21-53-0146	5923498	1278644	3 22 63	21	13,050	471	288	3	20,123	3.3	664	7-67	42	1156	28
21-53-0160	6016869	1239886	1 25 64	18	15,060	528	305	2	19,070	3.0	566	10-67	40	584	15
21-53-0187	5544220	1353817	5 25 61	11	15,497	482	305	4	19,035	3.1	596	4-67	34	672	24
21-53-0198	5656371	1239885	10 12 62	31	15,437	549	304	4	20,135	3.2	646	10-67	44	588	17
21-53-0205	5886060	1239886	3 9 62	8	12,933	444	301	3	16,806	3.4	564	9-67	42	594	23
21-53-0215	5580926	1199324	1 22 62	11	15,010	567	296	4	20,085	3.4	689	4-67	44	1167	32
21-53-0215	5695188	1239886	12 11 62	19	14,826	569	301	3	19,796	3.6	712	9-67	42	742	27
21-53-0240	5801213	1352991	3 24 63	13	14,395	502	305	2	15,025	3.5	529	1-68	34	656	17
21-53-0288	6452638	1487125	11 28 65	11	12,360	427	305	1	17,860	3.4	607	10-67	23	649	21
21-53-0288	6436978	1487125	10 25 65	11	12,370	428	305	1	18,060	3.3	599	11-67	23	666	20
21-53-0291	5931456	1390253	3 21 63	7	15,280	547	305	2	19,460	3.4	660	8-67	31	705	20
21-53-0542	5961589	1199324	8 23 63	21	17,273	587	298	3	18,083	3.2	571	7-67	42	670	17
21-53-0588	5941102	1389368	1 20 63	23	14,650	538	292	2	17,455	3.5	603	9-67	37	581	18
21-53-0588	5922693	1199324	10 24 63	19	15,975	577	287	2	18,080	3.6	642	11-67	40	791	25
21-53-0627	5461479	1370178	7 27 61	11	15,832	595	237	4	18,077	4.0	730	11-67	34	642	33
21-53-0627	5738957	1370178	9 5 62	11	16,957	629	284	4	19,662	3.4	673	10-67	34	725	20
21-53-0627	5869288	1239886	8 27 63	13	16,335	612	305	2	20,390	3.6	733	7-67	40	601	24
21-53-0627	5634240	1370178	2 16 62	8	16,345	595	298	4	19,367	3.7	712	9-67	34	762	30
21-53-0627	5634239	1370178	1 21 62	8	17,070	617	305	4	21,185	3.7	787	12-67	34	930	38
21-53-0780	6423140	1239242	12 13 65	17	16,690	626	300	1	21,330	3.8	806	11-67	36	677	25
21-53-0780	6423141	1239242	12 30 65	13	17,100	640	305	1	20,890	3.6	760	12-67	36	616	20
21-53-0780	6423136	1348259	11 27 65	11	16,910	627	304	4	23,540	3.3	781	12-67	36	882	27
21-53-0795	5712351	1259069	7 14 62	14	17,880	608	304	4	20,852	4.0	826	1-68	44	619	32
21-53-0796	5381107	1199324	7 30 61	11	13,323	461	276	3	14,130	3.7	516	3-67	42	624	23
21-53-0891	5814240	1154946	3 23 60	16	17,386	633	303	3	20,460	3.9	808	2-68	42	595	25

21-55-0004	6449372	1239886	3 23 64	27 16,905	599	295	2	21,020	3.5	736	8-67	40	613	25
21-55-0004	6387740	1348259	7 28 65	28 16,960	609	305	1	19,580	3.7	726	9-67	36	584	24
21-55-0011	6367469	1348259	9 7 65	19 18,360	682	305	1	21,040	3.7	773	10-67	36	599	23
21-55-0011	6218759	1239886	11 2 64	16 17,970	670	305	2	22,435	3.5	775	11-67	40	659	23
21-55-0014	6028582	260599C	3 16 63	12 16,816	605	305	3	20,656	3.1	649	8-67	42	750	7
21-55-0017	6215127	1283917	9 1 64	28 13,000	455	305	1	18,490	3.0	551	7-67	36	739	7
21-55-0017	6215130	1283917	10 5 64	31 13,260	464	305	1	21,380	3.0	631	8-67	36	936	12
21-55-0017	6386784	1377454	7 26 65	25 13,500	476	305	1	21,040	3.3	699	1-68	22	848	24
21-55-0017	6386787	1377454	8 10 65	22 13,500	476	294	1	18,500	3.5	656	1-68	22	617	21
21-55-0017	6386785	1377454	7 27 65	22 13,480	473	305	1	19,380	3.3	631	2-68	22	699	18
21-55-0017	6386788	1377454	8 14 65	25 13,500	476	305	1	19,920	3.3	665	1-68	22	746	21
21-55-0017	6611451	1377454	8 28 65	24 13,980	491	305	1	19,320	3.2	626	12-67	22	653	17
21-55-0024	6510741	1221835	12 3 65	15 13,880	513	305	1	16,890	3.8	642	12-67	36	611	20
21-55-0025	5692347	1221835	10 24 62	14 16,140	607	303	3	19,046	3.7	708	12-67	42	714	23
21-55-0026	5805051	1340669	2 25 63	38 15,280	559	305	2	20,400	3.4	691	8-67	40	810	14
21-55-0026	6039190	1389471	3 5 64	19 16,695	585	294	2	21,920	3.6	799	1-68	40	788	26
21-55-0049	5685957	1199324	11 11 62	18 16,345	571	305	2	18,545	3.6	676	2-67	40	804	29
21-55-0051	6035415	1221835	10 13 63	19 17,013	585	300	3	22,323	3.3	737	12-67	42	1000	28
21-55-0058	5841584	1278644	4 13 63	35 15,126	545	305	3	18,950	3.2	607	2-68	42	806	14
21-55-0191	5582004	1240125	12 25 61	13 13,477	482	305	4	18,632	3.4	632	7-67	44	918	27
21-55-0247	6286138	1221835	11 28 64	23 15,990	598	305	1	21,230	4.2	883	7-67	36	793	32
21-59-0313	5229160	1227400	12 20 60	16 15,356	557	302	5	18,868	3.5	660	4-68	39	653	22
21-55-0313	4356856	1227400	10 24 56	22 14,945	541	297	8	18,212	3.9	719	7-67	39	612	33
21-55-0322	6324446	1348259	4 5 65	6 15,600	598	305	1	19,870	3.3	664	5-67	35	705	20
21-55-0322	5548991	1215958	10 3 61	8 16,496	640	305	3	21,226	3.8	807	6-67	41	881	30
21-55-0352	6274324	1283917	1 15 65	63 15,600	524	305	1	19,760	3.7	726	7-67	36	659	16
21-55-0375	6545617	1348259	10 8 65	20 12,280	451	305	1	17,040	3.1	534	10-67	36	708	21
21-55-0439	6290177	1348259	3 22 65	8 16,635	608	261	2	19,235	3.5	672	4-68	40	614	21
21-55-0439	6359590	1348259	8 7 65	17 16,220	579	305	1	20,780	3.6	753	11-67	36	723	28
21-55-0473	6503488	1278644	12 3 65	28 16,350	592	305	1	20,390	3.6	742	10-67	36	707	19
21-55-0477	6009673	1233917	9 15 62	11 15,755	585	305	2	21,200	3.4	731	1-68	40	887	16
21-55-0503	6478444	1278644	8 9 65	14 15,070	552	305	1	18,360	3.7	684	11-67	36	641	17
21-55-0503	6638054	1389471	5 19 65	13 14,600	522	305	1	20,400	3.4	688	8-67	35	705	17
21-55-0509	6499048	1348259	9 25 65	5 12,610	461	305	1	16,410	3.6	589	3-68	36	616	24
21-55-0532	5743775	1283917	12 19 62	26 15,103	536	302	3	20,036	3.3	668	11-67	42	887	16
21-55-0551	6428360	1221835	8 9 65	29 15,360	587	305	1	20,750	3.4	706	9-67	36	800	20
21-55-0551	6428358	1221835	12 26 64	29 15,340	584	295	1	18,120	3.8	683	10-67	36	605	18
21-55-0587	5682612	1330597	7 10 62	28 16,212	551	305	4	20,715	3.4	695	12-67	42	877	29
21-55-0721	5587467	1239886	4 11 62	10 14,953	509	305	3	20,636	3.2	664	12-67	42	826	28
21-55-0767	6243481	1283917	5 12 64	81 12,930	500	305	1	18,610	3.3	623	8-67	36	752	9
21-56-0040	6072818	1283917	1 6 64	26 15,400	588	301	2	19,410	3.1	610	11-67	40	738	3
21-56-0043	6552035	1308091	12 1 65	22 17,770	592	305	1	21,460	3.5	757	12-67	34	580	18
21-56-0050	5953541	1278644	8 9 63	18 14,105	500	305	2	18,765	3.5	659	8-67	40	839	22
21-56-0053	5816651	1221835	4 8 63	9 13,605	484	290	2	16,410	3.3	536	5-67	40	647	15
21-56-0053	6225981	1389471	10 13 64	19 11,995	443	305	2	18,290	3.4	618	9-67	40	870	21

TABLE 5.—HIGH-RANKING PROGENY OF DHIA SIRE: HOLSTEIN—Continued

COW'S LAST HERD CODE	COW'S REGISTRATION NO.	COW'S SIRE REGISTRATION NO.	COW'S BIRTH DATE (Mo.) (Day) (Yr.)	HERDMATES			AVERAGE PRODUCTION OF COW				LAST CALVING		REPEAT- ABILITY (Pct.)		COW INDEX	
				NUM- BER	MILK (Lb.)	FAT (Lb.)	IN MILK (Days)	REC- ORDS	MILK (Lb.)	FAT (Pct.)	(Mo.) (Yr.)	CAR			MILK	FAT
21-56-0060	6500940	1271019	4 6 64	13	16,605	573	305	2	20,710	3.4	699	3-68	40	588	17	
21-56-0079	6379108	1240125	4 29 64	32	12,625	438	305	2	17,335	3.7	648	10-67	40	768	30	
21-56-0105	6515527	1221835	11 2 65	16	14,230	487	305	1	20,450	3.2	656	12-67	36	853	23	
21-56-0244	62233894	1389471	9 10 64	27	15,830	579	305	2	21,315	3.6	761	12-67	40	806	23	
21-56-0244	62233898	1278644	11 14 64	22	16,315	605	305	2	20,030	3.6	714	2-68	40	766	18	
21-56-0249	5592027	1199324	1 22 62	20	15,282	524	299	4	17,092	3.6	612	9-67	44	767	28	
21-56-0365	5607316	1222994	7 22 62	7	16,336	575	301	3	20,076	3.6	731	12-66	42	794	31	
21-56-0365	6301777	1348259	3 30 65	11	18,240	634	304	1	24,200	3.2	777	1-68	36	842	27	
21-56-0571	6499534	1348259	8 17 65	17	16,830	603	300	1	19,900	3.7	733	9-67	36	616	25	
21-56-0994	6220113	1283917	9 16 64	40	16,180	563	304	2	21,360	3.1	657	11-67	40	865	11	
21-56-0994	5892313	1283917	10 19 63	30	16,405	580	305	2	20,455	3.4	690	9-67	40	752	12	
21-58-0187	6027474	1283536	6 29 63	12	15,620	570	305	2	23,340	3.8	889	5-67	40	994	35	
21-58-0205	6016101	244333C	3 20 61	82	17,573	610	305	3	22,220	3.2	711	7-67	36	662	20	
21-58-0205	6211557	1423483	10 13 64	84	18,080	639	305	2	24,110	3.2	775	2-68	36	618	15	
21-58-0205	6108277	1273756	5 17 64	82	17,475	592	305	2	22,405	3.1	700	10-67	40	907	29	
21-58-0205	6502186	1423404	8 30 65	63	18,080	646	302	1	23,540	3.2	753	3-68	23	659	17	
21-58-0205	6302157	1428649	12 4 63	37	16,605	593	296	2	20,600	3.2	665	6-67	33	794	14	
21-58-0205	6307303	1429917	3 24 65	73	18,000	593	305	1	27,950	3.2	883	10-67	24	923	29	
21-58-0205	5615271	1372346	11 21 61	35	17,155	625	303	4	20,855	3.6	755	12-67	37	779	25	
21-58-0205	5818026	1239886	9 2 62	83	18,115	629	305	2	22,540	3.4	761	5-67	40	657	25	
21-58-0205	5805349	1199324	2 3 63	82	17,543	611	305	3	20,840	3.8	802	4-67	42	959	40	
21-10-0034	5649074	1313490	7 13 62	21	15,245	590	305	4	19,605	3.5	685	11-67	43	765	16	
22-10-0057	6356600	1347940	7 23 65	86	12,810	520	305	1	18,660	3.5	656	10-67	36	961	29	
22-10-0057	6356605	1347940	8 17 65	70	13,290	534	300	1	18,220	3.4	622	11-67	36	896	26	
22-10-0057	6356604	1347940	8 13 65	86	12,810	520	305	1	15,680	3.9	606	10-67	36	739	25	
22-10-0057	6356603	1347940	8 11 65	86	12,810	520	302	1	17,040	3.7	633	10-67	36	840	27	
22-10-0057	6356598	1347940	7 6 65	86	12,810	520	305	1	14,310	3.9	563	10-67	36	637	22	
22-10-0057	6412785	1347940	9 15 65	70	13,290	534	301	1	14,980	3.4	513	11-67	36	655	18	
22-10-0070	6434528	1347940	7 22 65	23	14,490	556	305	1	15,490	3.6	554	8-67	36	612	19	
22-10-0070	6345087	1347940	7 13 65	23	14,490	556	305	1	16,420	3.6	583	8-67	36	682	21	
22-10-0120	6368330	1347940	7 4 65	55	13,800	531	305	1	15,630	3.7	577	8-67	36	669	23	
22-10-0120	6368329	1347940	6 6 65	57	14,500	550	305	1	16,260	3.8	618	9-67	36	669	24	
22-10-0120	6368328	1347940	5 22 65	57	14,500	550	305	1	18,850	3.8	719	9-67	36	862	32	
22-10-0120	6509868	1347940	9 16 65	41	15,170	565	305	1	19,790	3.6	710	11-67	36	887	30	
22-10-0120	5622827	1239886	5 24 62	45	14,097	529	305	4	18,645	3.5	659	8-67	44	721	26	
22-10-0127	6234763	1397517	10 4 64	23	14,640	557	288	2	20,305	3.3	672	1-68	38	589	17	
22-10-0139	6015852	1492073	5 1 61	15	12,700	476	305	3	18,523	3.3	613	9-67	41	716	15	
22-10-0165	6089559	1199324	8 5 62	16	13,940	504	305	3	17,096	3.7	635	6-67	42	901	32	
22-10-0185	6439402	1347940	6 18 65	12	15,080	580	305	1	18,500	4.0	737	7-67	36	797	31	
22-10-0185	6380700	1347940	7 15 65	13	14,880	577	305	1	17,670	3.8	678	8-67	36	749	27	
22-10-0213	6383859	1282185	9 27 65	20	15,350	571	305	1	21,660	3.6	779	3-68	36	609	18	
22-10-0213	5921485	1282185	11 8 63	33	15,415	557	305	2	19,790	3.7	734	10-67	40	580	21	
22-15-0008	6367622	1282185	9 23 65	25	14,720	578	305	1	23,810	3.4	808	10-67	36	811	20	
22-15-0013	6417008	1347940	7 26 65	19	12,240	456	305	1	13,570	4.4	597	7-67	36	620	29	
22-15-0013	6485321	1347940	9 29 65	14	12,750	507	305	1	14,040	4.2	585	11-67	36	621	25	

22-15-0013	6458914	1347940	12 10 65	14	12,750	507	305	1	16,170	3.4	555	11-67	36	780	23
22-17-0001	6451858	1330987	8 26 65	13	12,780	488	305	1	17,200	3.7	641	11-67	36	673	30
22-17-0004	6041375	1399824	8 27 63	15	15,566	608	303	3	20,833	4.1	855	11-67	42	978	45
22-17-0006	5375507	1060259	8 19 59	30	15,140	525	305	6	17,086	3.3	569	9-67	44	624	15
22-17-0010	6415628	1347940	7 30 65	18	15,140	574	305	1	15,870	3.9	615	9-67	36	597	22
22-17-0010	6489674	1347940	12 25 65	11	16,870	646	305	1	19,970	3.8	761	4-68	36	727	27
22-17-0046	6465448	1347940	10 29 65	6	13,510	481	292	1	15,630	3.5	542	1-68	36	629	22
22-17-0066	6386097	1347940	7 10 65	10	12,360	460	305	1	14,040	3.7	525	12-67	36	588	22
22-17-0093	6271386	260599C	1 29 63	14	13,125	496	305	2	18,370	3.4	624	7-67	40	803	14
22-17-0093	6545740	260599C	4 14 64	11	13,160	484	303	2	18,995	3.3	620	9-67	40	863	15
22-17-0093	5424360	260599C	9 18 61	19	15,098	570	305	5	19,516	3.3	646	3-68	44	821	12
22-17-0109	6104788	1199324	7 16 64	16	17,650	616	305	2	22,330	3.1	697	8-67	40	1069	27
22-17-0109	5811419	1283917	5 19 63	15	16,890	598	305	3	23,156	3.0	686	10-67	42	1061	12
22-17-0155	5814231	1222994	4 23 63	5	14,210	532	305	2	18,880	3.6	673	10-66	40	824	27
22-17-0160	6369829	1199324	9 17 63	16	13,695	468	300	2	14,950	3.2	481	7-67	40	681	18
22-17-0164	5491095	1353009	9 21 61	12	11,390	384	305	1	16,200	3.3	538	1-68	28	647	19
22-17-0181	6763020	1320310	4 30 65	11	14,050	507	293	1	14,280	3.6	510	8-67	35	789	20
22-17-0194	6124441	1350190	5 4 64	17	17,730	628	262	1	23,040	3.4	789	12-67	36	638	15
22-17-0219	5862509	1199324	4 29 63	10	14,593	549	231	3	16,593	3.4	559	8-67	42	776	19
22-17-0220	5451077	1215958	11 22 61	27	13,085	461	305	2	15,995	3.4	540	6-67	39	581	17
22-17-0224	6173662	1320310	6 28 64	10	15,470	584	288	2	19,235	3.4	651	11-67	40	1081	26
22-22-0006	5677342	1393487	12 6 62	15	13,750	519	305	3	17,323	3.6	631	6-67	33	600	21
22-22-0006	5661859	1393487	9 10 62	22	14,897	556	300	4	18,907	3.5	659	11-67	35	712	21
22-22-0006	6347031	1242221	8 2 65	18	13,660	510	305	1	17,690	3.6	645	9-67	32	967	34
22-22-0013	6492372	1347940	9 26 65	33	15,210	592	288	1	18,060	3.8	688	12-67	36	696	25
22-22-0019	6460178	1347940	10 18 65	21	14,170	538	287	1	15,820	3.9	615	10-67	36	658	25
22-22-0019	6460176	1347940	9 18 65	21	14,170	538	305	1	16,900	3.6	609	10-67	36	739	24
22-22-0019	6460175	1347940	8 21 65	21	14,090	531	305	1	18,290	3.6	658	9-67	36	848	29
22-22-0019	6575805	1347940	9 27 65	12	14,880	561	297	1	17,700	3.5	612	12-67	36	751	23
22-22-0049	6439848	1329588	3 20 65	22	15,625	579	296	2	20,555	3.6	739	1-68	40	769	23
22-23-0004	6460146	1346469	12 11 65	12	14,220	576	305	1	19,530	3.7	717	12-67	24	591	22
22-23-0004	5785887	1346469	1 24 63	5	13,316	538	305	3	17,323	3.8	659	8-67	33	632	25
22-23-0049	6812837	1347940	6 17 65	6	13,870	519	305	1	17,150	3.9	666	5-67	36	777	30
22-23-0056	6716319	1394823	7 16 65	24	14,270	529	296	1	22,360	4.1	925	2-68	23	781	37
22-23-0071	6577291	1347940	12 24 65	10	14,350	535	305	1	16,170	3.5	571	12-67	36	672	22
22-23-0081	5879862	1199324	9 2 63	17	14,133	501	212	3	15,160	3.5	529	1-68	42	659	20
22-23-0088	6596368	1347940	8 31 65	25	13,880	511	305	1	15,820	3.6	573	7-67	36	678	24
22-25-0019	6533987	1347940	6 26 65	50	14,100	519	294	1	15,410	3.7	574	9-67	36	632	23
22-25-0019	4744779	1060259	7 27 58	26	13,926	523	301	6	16,728	3.7	626	11-67	44	719	23
22-25-0019	4807960	1060259	7 13 58	22	13,007	483	302	7	15,397	3.5	540	7-67	44	654	16
22-25-0039	5519964	1154946	1 7 62	19	11,893	406	240	3	16,056	3.5	569	10-67	42	657	22
22-25-0060	6482025	1347940	8 27 65	29	16,110	586	305	1	18,130	3.7	665	11-67	36	700	25
22-25-0060	6457033	1347940	8 12 65	30	14,820	542	305	1	16,180	3.6	575	7-67	36	642	22
22-25-0060	6457029	1347940	6 1 65	30	14,820	542	305	1	18,460	3.7	682	7-67	36	811	30
22-25-0060	6457035	1347940	8 28 65	37	15,380	559	305	1	18,440	3.8	698	10-67	36	772	30

TABLE 5.—HIGH-RANKING PROGENY OF DHIA Sires: HOLSTEIN—Continued

COW'S LAST HERD CODE	COW'S REGISTRATION NO.	COW'S SIRE REGISTRATION NO.	COW'S BIRTH DATE (Mo.) (Day) (Yr.)	HERDMATES			AVERAGE PRODUCTION OF COW					LAST CALVING		REPEAT- ABILITY (Pct.)	COW INDEX	
				NUM- BER	MILK (Lb.)	FAT (Lb.)	IN MILK (Days)	REC- ORDS	MILK (Lb.)	FAT (Pct.)	FAT (Lb.)	(Mo.) (Yr.)	CAR		MILK	FAT
22-25-0060	6457028	1347940	5 30 65	30	14,820	542	305	1	16,000	3.5	553	7-67		36	628	20
22-25-0060	6457027	1347940	5 26 65	39	15,240	553	305	1	18,600	3.6	665	8-67		36	794	28
22-25-0060	6457032	1347940	6 21 65	37	15,380	559	305	1	17,750	3.6	641	10-67		36	721	25
22-25-0060	6457031	1347940	6 20 65	30	14,820	542	299	1	18,650	3.8	706	7-67		36	826	31
22-25-0084	5910410	1259069	9 26 63	26	13,365	477	292	2	20,380	3.2	642	11-67		40	922	20
22-25-0086	6457030	1347940	6 10 65	48	14,570	548	303	1	16,130	3.6	583	8-67		36	655	22
22-25-0086	6379370	1423766	4 4 65	39	15,360	579	305	1	19,840	3.9	772	6-67		33	624	32
22-25-0086	6237417	1423766	9 5 65	45	16,415	613	305	2	25,025	3.5	883	2-68		38	1047	40
22-25-0096	6446622	1347940	10 2 65	11	15,530	563	296	1	17,160	3.2	557	12-67		36	667	19
22-25-0096	6446621	1347940	6 18 65	11	15,530	563	304	1	19,410	3.5	677	12-67		36	835	28
22-25-0096	6446623	1347940	11 3 65	9	17,370	641	305	1	21,130	3.3	691	2-68		36	780	22
22-25-0098	6007394	1423766	1 2 64	36	16,640	606	305	2	22,725	3.9	893	6-67		38	919	46
22-25-0098	5973583	260599C	9 18 63	41	16,435	605	305	2	20,625	3.8	778	6-67		40	729	20
22-26-0003	5808941	1259069	12 11 62	6	14,243	530	302	3	20,396	3.6	732	6-67		42	920	27
22-26-0007	6763021	1320310	5 3 65	21	12,780	504	305	1	15,240	3.6	556	7-67		35	948	24
22-26-0030	6411686	1423766	6 22 64	7	14,315	549	305	2	18,240	3.8	702	10-67		38	587	29
22-26-0036	6470462	1347940	9 2 65	18	13,740	504	305	1	15,430	3.8	591	9-67		36	658	25
22-26-0089	6557917	1199324	3 25 65	12	11,360	415	305	1	14,540	3.9	570	8-67		36	808	30
22-26-0139	5809317	1283917	11 10 62	12	14,830	572	305	3	20,936	3.5	726	7-67		42	1018	19
22-29-0021	6392928	1347940	8 7 65	41	12,570	444	298	1	14,610	3.4	500	11-67		36	675	23
22-29-0021	6181946	1403382	10 14 64	24	13,115	459	305	2	16,180	3.0	493	4-68		36	611	22
22-29-0044	6182111	1353009	10 9 63	40	15,420	581	305	2	19,955	3.5	707	9-67		33	778	22
22-29-0044	6199394	1446414	8 24 64	34	15,735	596	305	2	21,360	3.3	704	12-67		29	791	17
22-29-0044	6302229	1353009	12 30 64	37	15,680	577	305	1	19,690	3.7	733	7-67		28	615	21
22-29-0056	6455652	1347940	9 21 65	7	14,130	516	305	1	15,540	4.0	625	2-68		36	581	26
22-29-0092	6228695	1340669	12 4 64	13	14,000	503	168	2	18,885	3.4	635	2-68	B	40	773	13
22-29-0114	6503091	1347940	10 20 65	30	14,090	504	305	1	17,890	3.4	615	10-67		36	818	27
22-29-0114	5886486	1222994	10 3 63	22	14,565	544	291	2	17,095	3.6	615	9-66		40	610	20
22-29-0115	6535560	1433525	6 7 64	19	11,835	446	297	2	19,830	3.4	677	3-68	H	29	988	28
22-29-0135	6222536	1199077	10 10 63	7	17,990	687	305	3	22,780	3.3	763	4-68		37	816	20
22-29-0147	6594802	1347940	12 29 65	26	15,660	594	295	1	16,820	3.3	563	11-67		36	633	18
22-29-0147	6613959	1347940	1 5 66	23	16,050	613	305	1	17,250	3.3	575	1-68		36	580	16
22-29-0161	6521068	1441516	12 24 65	41	17,260	588	281	1	21,160	3.4	728	1-68		23	668	19
22-29-0161	6396203	1441516	7 23 65	23	16,180	548	285	1	21,000	3.6	746	3-68		23	741	24
22-29-0161	6396204	1441516	7 31 65	55	17,780	616	305	1	21,490	4.1	879	11-67		23	655	30
22-29-0161	6286162	1346469	3 30 65	68	17,010	619	305	1	23,500	4.1	967	9-67		24	721	41
22-29-0169	5823100	1199324	4 4 62	14	11,470	414	297	2	12,330	3.6	441	5-67		40	618	19
22-29-0169	5889911	1199324	8 21 63	15	14,560	513	302	3	18,116	3.7	679	9-67		42	955	36
22-29-0188	6256879	1383926	1 21 65	15	11,810	431	305	1	15,740	3.3	519	3-68		35	589	24
22-29-0200	6586488	1347940	8 6 65	13	14,080	516	305	1	16,650	3.9	648	7-67		36	726	29
22-29-0233	5726780	1355784	11 9 62	26	18,760	670	305	4	22,027	3.1	673	4-68		43	968	12
22-29-0233	6330624	1435461	4 29 65	28	18,230	598	305	1	22,930	3.5	805	2-68		23	720	27
22-29-0233	6330619	1435461	2 13 65	12	16,900	614	305	1	22,350	3.3	735	8-67		22	766	19
22-29-0233	6330618	1435461	1 24 65	12	16,900	614	305	1	24,330	3.4	824	8-67		22	946	28
22-29-0233	5891605	1199324	5 6 63	25	19,085	669	305	2	26,820	3.1	842	12-67		40	1394	37

22-29-0233	6434062	1386406	12 20 65	27 18,820	614	305	1	26,650	3.1	819	1-68	35	1008	32
22-29-0233	6434055	1386406	8 24 65	29 18,510	620	305	1	22,810	3.7	846	10-67	35	739	33
22-29-0233	6434056	1386406	8 29 65	24 18,080	597	305	1	21,960	3.6	790	3-68	35	704	31
22-29-0233	6434052	1386406	7 20 65	17 17,410	573	305	1	22,840	3.6	811	4-68	35	816	34
22-29-0233	6216686	1435461	9 1 64	28 17,565	629	305	2	21,635	3.2	698	10-67	29	773	17
22-29-0236	6411069	1441516	7 16 65	26 14,960	548	305	1	20,350	4.3	865	9-67	23	782	34
22-29-0243	5672421	1242799	2 23 62	10 17,183	628	305	3	21,393	3.6	763	8-67	40	581	19
22-29-0263	6479581	1347940	7 2 65	18 12,060	440	305	1	15,670	3.3	512	8-67	36	789	24
22-29-0267	6203457	1433779	9 10 64	23 17,010	563	272	2	20,725	3.6	737	11-67	29	637	27
22-29-0269	6561485	1347940	10 5 65	33 13,890	501	305	1	16,630	3.7	620	11-67	36	737	28
22-29-0269	5823346	1347940	5 30 63	53 14,670	544	305	2	19,170	3.6	694	4-67	40	967	34
22-29-0300	5687329	1221835	1 10 61	12 14,423	502	303	3	16,810	3.6	610	3-67	42	635	22
22-29-0311	6481484	1330987	8 25 65	18 13,440	449	305	1	18,360	3.6	669	10-67	36	715	35
22-29-0314	6570724	1347940	1 7 66	9 15,280	552	305	1	21,650	3.6	776	1-68	36	959	34
22-36-0014	6649612	1347940	4 29 65	29 13,320	461	305	1	14,550	3.4	495	8-67	36	621	21
22-36-0014	6542131	1347940	6 9 64	50 14,670	515	305	2	19,615	3.3	648	12-67	40	956	30
22-36-0014	6431958	1347940	5 15 65	29 13,320	461	305	1	15,590	3.4	534	8-67	36	698	24
22-36-0017	6091941	1411026	2 1 64	11 15,725	598	305	2	20,850	4.0	824	3-68	40	652	32
22-36-0019	6410643	1347940	5 21 65	47 16,140	597	305	1	18,800	3.8	718	9-67	36	748	29
22-36-0019	6466537	1347940	9 24 65	47 16,000	590	281	1	18,300	3.4	620	8-67	36	720	22
22-36-0021	5977603	1354348	8 1 63	23 14,360	511	295	3	18,090	3.3	605	8-67	36	648	16
22-36-0048	4962863	1970030	11 25 56	29 15,672	566	303	4	22,837	3.5	794	2-68	42	922	25
22-36-0061	6413219	1347940	7 31 65	12 15,200	562	305	1	18,930	3.8	718	9-67	36	821	31
22-36-0106	6119953	1414261	6 11 64	17 16,955	628	305	2	25,800	3.3	864	3-68	40	874	27
22-36-0110	6223513	1337741	10 13 64	20 17,120	648	305	1	19,690	3.8	743	7-67	35	680	25
22-36-0145	5927486	1199324	8 11 63	7 13,710	520	231	2	15,885	3.7	585	3-67	40	775	24
22-36-0159	6282094	1283917	9 10 64	34 16,710	616	287	2	21,845	3.6	778	11-67	40	866	18
22-36-0160	6435324	1347940	9 9 65	10 14,040	522	305	1	16,430	4.0	657	8-67	36	712	29
22-36-0163	6300165	1244009	6 25 63	6 16,303	583	299	3	18,823	3.5	657	2-68	42	711	18
22-36-0163	6300168	1259069	1 7 64	5 15,955	574	305	2	21,380	3.6	767	7-67	40	787	24
23-01-0073	6409533	1429395	8 17 65	17 13,780	502	305	1	21,120	3.7	775	10-67	22	943	35
23-01-0073	6411372	1429395	6 1 65	24 13,790	517	305	1	18,880	3.4	634	9-67	22	738	21
23-01-0073	6409534	1429395	8 21 65	24 13,790	517	305	1	17,170	4.0	684	9-67	22	583	25
23-01-0073	6854407	1429395	10 5 65	24 13,360	505	305	1	19,310	3.4	659	8-67	22	813	24
23-01-0073	5663790	1298372	10 23 62	28 14,740	534	303	3	23,530	3.3	780	1-68	41	1375	38
23-01-0093	6386416	1337741	8 11 64	6 13,845	517	303	2	18,255	3.8	701	8-67	40	882	33
23-01-0094	6412469	1283917	11 29 65	28 14,880	564	300	1	20,620	3.6	744	1-68	36	771	14
23-01-0094	6210485	1320310	10 11 64	16 15,835	580	305	2	21,975	3.4	748	3-68	40	1326	36
23-01-0106	5972311	1199324	12 20 63	16 15,220	579	305	2	20,240	3.6	737	9-67	40	1079	34
23-01-0115	6167508	1337741	10 17 64	27 16,365	656	305	2	19,450	4.3	831	10-67	40	772	34
23-01-0115	6416624	1441440	7 22 65	21 14,850	570	305	1	21,140	3.8	802	5-67	34	765	31
23-01-0148	6438344	1320310	11 23 65	8 13,030	500	305	1	15,380	3.9	595	1-68	35	896	26
23-01-0152	6221532	1337741	6 9 64	13 12,395	494	289	2	14,685	3.7	539	8-67	40	654	20
23-01-0152	6148571	1320310	7 5 64	5 16,056	577	269	3	17,250	3.5	608	2-68	42	822	22
23-01-0152	6148572	1320310	8 15 64	13 14,190	524	296	2	15,915	3.4	535	8-67	40	904	20

TABLE 5.—HIGH-RANKING PROGENY OF DHIA SIRE: HOLSTEIN—Continued

COW'S LAST HERO CODE	COW'S REGISTRATION NO	COW'S SIRE REGISTRATION NO.	COW'S BIRTH DATE (Mo.) (Day) (Yr.)	HERDMATES			AVERAGE PRODUCTION OF COW				LAST CALVING		REPEAT- ABILITY (Pct.)	COW INDEX	
				NUM- BER	MILK (Lb.)	FAT (Lb.)	IN MILK (Days)	REC- ORDS	MILK (Lb.)	FAT (Pct.)	(Mo.) (Yr.)	CAR		MILK	FAT
23-01-0152	6288201	1320310	2 16 65	7	17,630	666	288	1	22,260	3.4	12-67		35	1103	28
23-01-0153	6302415	1320310	1 20 65	11	13,010	480	305	1	15,160	4.1	6-67		35	927	30
23-01-0153	6319492	1336050	12 8 64	10	14,655	539	296	2	17,615	3.2	7-67		37	641	16
23-01-0155	6438354	1399824	7 23 65	10	15,630	565	305	1	22,060	3.1	6-67		35	875	24
23-01-0159	6168048	1337741	9 4 64	11	10,680	407	305	1	21,020	3.7	10-67		35	1215	43
23-02-0001	6108399	1300014	5 26 64	33	13,520	490	305	1	19,550	3.3	8-67		36	780	13
23-02-0001	6181708	1300014	9 26 64	33	13,510	501	305	2	17,160	3.8	1-68		40	680	17
23-02-0001	6042259	1427052	1 16 64	26	13,415	484	305	3	19,070	3.3	7-67		39	882	19
23-02-0001	5906436	1415405	8 24 63	49	13,510	499	299	3	18,646	3.4	2-68		42	835	20
23-02-0008	5878952	1300014	7 29 63	36	15,046	554	289	3	19,666	3.6	9-67		42	848	20
23-02-0008	6021168	1427052	11 1 63	31	16,243	589	301	3	18,660	3.7	4-68		41	588	17
23-02-0008	6071291	1427052	2 26 64	30	15,090	546	303	2	18,545	3.5	6-67		39	672	16
23-02-0008	6071295	1427615	3 12 64	41	15,745	567	305	2	18,845	3.7	10-67		40	923	25
23-02-0027	6077476	1300014	12 29 63	18	15,513	527	305	3	20,830	3.1	3-68		42	934	16
23-02-0042	6184192	1300014	7 23 64	18	15,770	569	298	2	18,350	4.0	10-67		40	595	18
23-03-0001	6023294	1300014	1 16 64	14	15,260	553	305	2	19,975	3.2	6-67		40	806	11
23-03-0007	6522923	1300014	7 2 65	16	13,700	540	305	1	19,550	3.1	10-67		36	768	7
23-03-0010	5837010	1199324	1 28 63	30	15,146	538	302	3	16,223	3.6	9-67		42	676	23
23-03-0016	6154575	1427615	11 11 63	17	14,020	536	288	2	15,555	3.4	7-67		40	746	12
23-03-0017	5997315	1300014	12 4 63	21	14,700	550	305	2	19,130	3.5	10-67		40	772	14
23-03-0037	5899090	1401112	6 15 63	12	15,773	586	305	3	16,636	3.8	3-68		34	716	27
23-04-0009	6169290	1427615	2 3 64	16	16,910	707	305	1	17,660	4.3	1-68		35	662	17
23-04-0009	5749964	1300014	12 9 62	9	16,050	631	301	3	20,903	3.6	8-67		42	886	16
23-04-0019	6470037	1347940	2 25 66	10	13,020	486	305	1	14,770	4.0	2-68		36	598	26
23-04-0030	6136537	1427615	2 26 64	9	13,450	522	305	2	15,320	3.5	9-67		40	774	14
23-05-0008	6110798	1427615	2 25 64	11	14,460	540	271	3	16,020	3.3	1-68		42	758	11
23-05-0008	5013028	1300014	8 18 59	10	12,778	475	301	5	17,258	3.6	8-67		44	856	20
23-05-0008	4996015	1300014	1 19 60	12	13,606	507	301	5	18,466	3.3	2-68		44	916	15
23-05-0013	5010786	1300014	9 6 59	21	13,800	511	301	6	17,005	3.6	7-67		44	705	15
23-05-0013	6154298	1415405	6 28 64	23	13,695	504	305	2	18,045	3.7	8-67		40	722	22
23-05-0013	6651339	1441440	1 29 65	20	13,090	490	305	1	17,230	3.7	8-67		34	586	24
23-05-0062	5048936	1308570	8 14 59	10	16,485	579	300	6	22,743	3.5	6-67		36	1099	41
23-05-0062	5310570	1308570	2 9 61	12	15,596	568	303	5	21,582	3.8	10-67		36	912	44
23-05-0062	6520708	1308570	10 14 65	12	16,020	553	305	1	21,230	3.6	8-67		25	632	26
23-05-0071	6126761	1320310	6 17 64	33	16,320	553	260	1	20,620	3.5	1-68		35	1068	33
23-05-0071	6126760	1320310	6 6 64	29	15,625	558	305	2	24,215	3.8	10-67		40	1574	55
23-05-0071	6195667	1329588	10 12 64	28	16,570	592	287	2	24,650	3.4	11-67		40	1098	31
23-05-0082	5657290	1199324	1 28 62	8	15,492	603	304	4	22,440	3.4	4-67		44	1404	38
23-05-0096	6432763	1399824	10 10 65	6	14,230	537	305	1	17,430	3.9	10-67		35	621	27
23-05-0108	6183176	1415405	5 20 64	8	17,075	625	305	2	21,875	3.4	10-67		40	802	20
23-05-0130	5529493	1199324	8 9 61	6	15,042	565	305	4	16,175	3.8	2-67		44	680	22
23-05-0143	5731002	1199324	9 2 62	21	15,455	582	304	4	21,492	3.5	7-67		44	1291	38
23-05-0143	6397511	1337741	9 1 65	29	16,460	643	305	1	21,720	3.5	10-67		35	875	26
23-05-0143	5481568	1199324	8 27 61	25	15,828	604	300	5	17,134	3.6	11-67		44	713	20
23-05-0143	4683747	1060259	9 4 58	7	15,520	560	297	7	18,170	3.5	4-67	7	44	720	20

23-05-0143	5912932	1382261	11	9	63	23	16,086	622	296	3	20,110	3.7	739	12-67	42	627	22
23-05-0145	5446682	1119686	8	24	61	18	16,140	637	304	5	21,568	3.9	839	1-68	44	727	34
23-05-0145	6506892	1320310	8	17	65	15	13,720	532	287	1	17,400	3.8	663	8-67	35	1047	30
23-05-0146	5607622	1199324	8	11	61	8	15,878	580	303	5	17,976	3.6	650	12-67	44	816	27
23-05-0165	6656719	1399824	2	19	66	17	13,890	486	305	1	17,850	3.6	649	1-68	35	631	27
23-05-0165	6310734	1415405	9	29	64	5	13,865	466	292	2	17,180	3.3	569	4-68	40	587	16
23-05-0207	6756493	1441440	4	29	65	6	13,795	486	305	2	16,950	3.8	646	4-68	40	616	29
23-05-0243	5961202	1288610	9	12	63	17	13,375	491	291	2	20,150	3.3	666	1-68	40	861	19
23-05-0243	6157244	1283917	6	17	64	18	13,570	497	305	2	18,230	3.5	646	7-67	40	786	15
23-05-0244	6184072	1399283	7	12	64	40	17,530	626	305	2	22,230	3.5	782	2-68	29	791	26
23-05-0244	6184079	1399283	10	17	64	31	16,540	605	305	1	20,050	3.4	680	5-67	23	655	18
23-05-0244	6184073	1399283	7	27	64	40	17,530	626	305	2	22,105	3.4	751	2-68	29	776	22
23-05-0244	5961170	1399283	3	10	63	37	17,620	625	301	2	25,605	3.5	896	12-67	29	1220	41
23-05-0244	5961171	1399283	3	15	63	26	16,390	586	305	2	25,895	3.6	943	8-67	29	1472	54
23-05-0244	6082175	1417652	2	20	64	56	17,180	611	305	1	31,060	3.4	1053	10-67	24	1155	35
23-05-0244	6082167	1399283	2	8	64	27	15,500	558	305	1	19,860	3.7	742	8-67	23	723	27
23-05-0244	6082173	1399283	4	20	64	34	17,365	620	305	2	20,680	3.4	713	1-68	29	624	18
23-05-0244	6082170	1399283	3	21	64	42	17,630	627	305	2	25,305	3.6	908	1-68	29	1148	41
23-05-0244	5724515	1399283	8	12	62	27	15,500	558	305	1	27,880	3.8	1058	8-67	23	1449	56
23-05-0244	5746247	1399283	1	14	63	38	17,640	627	305	2	24,895	3.5	859	12-67	29	1132	36
23-05-0246	6418164	1399283	9	1	65	22	17,500	616	305	1	25,920	3.3	853	3-68	24	988	29
23-05-0246	5793000	1199324	11	6	62	11	12,720	478	275	1	13,190	3.8	504	6-67	36	616	21
23-06-0002	5069489	1321904	4	5	60	49	13,930	507	300	5	17,574	3.6	625	10-67	43	763	24
23-06-0007	6014218	1358005	12	20	63	5	13,595	491	305	2	17,205	3.2	546	8-67	38	835	8
23-06-0019	6284556	1358005	3	1	65	8	14,845	542	302	2	19,245	3.6	693	3-68	39	873	17
23-06-0021	5973939	1411026	10	29	63	7	13,566	518	304	3	20,163	3.3	657	10-67	42	891	24
23-06-0022	5410642	1330981	4	9	61	12	13,416	481	303	5	18,636	3.4	637	8-67	43	825	28
23-06-0023	6099096	1358005	1	24	64	9	12,980	469	305	2	17,035	3.2	546	10-67	39	858	9
23-06-0027	4441673	1213136	8	21	57	10	12,464	453	304	7	16,027	3.4	551	8-67	43	927	24
23-06-0036	6469519	1320310	9	17	65	41	14,870	538	303	1	16,500	3.4	553	10-67	35	855	21
23-06-0036	6174086	1320310	10	18	64	19	15,030	539	305	2	17,490	3.3	580	2-68	40	943	23
23-06-0036	6565494	1320310	12	15	65	28	15,650	547	289	1	16,360	3.5	570	12-67	35	792	21
23-06-0037	6447624	1347940	10	7	65	27	16,390	617	305	1	23,660	3.4	799	10-67	36	1094	33
23-06-0037	6447626	1347940	11	29	65	20	18,380	689	305	1	21,390	4.0	850	2-68	36	732	31
23-06-0037	5957442	1271019	9	2	63	24	18,180	677	305	2	22,855	3.9	893	1-68	40	661	27
23-06-0037	6263281	1347940	3	24	65	24	15,060	579	298	1	19,880	3.6	723	7-67	36	901	30
23-06-0040	6390535	1347940	8	2	65	27	16,010	579	305	1	20,980	3.6	756	9-67	36	919	33
23-06-0047	6524787	1347940	12	2	65	9	13,790	552	305	1	17,300	3.5	609	10-67	36	794	24
23-06-0066	6554125	1358005	9	15	65	25	11,840	463	305	1	17,790	3.4	610	10-67	35	914	12
23-06-0074	6537383	1347940	11	13	65	18	14,850	573	305	1	15,660	4.2	663	11-67	36	601	26
23-06-0074	6537384	1347940	2	2	66	14	15,190	572	305	1	18,020	4.0	715	2-68	36	695	28
23-06-0074	6385144	1347940	8	2	65	21	13,530	517	305	1	15,310	3.3	510	9-67	36	663	19
23-06-0080	6331321	1320310	6	11	65	29	15,440	591	247	1	15,620	3.6	567	7-67	35	796	19
23-06-0080	6331322	1320310	7	15	65	25	15,430	581	305	1	18,200	3.9	711	2-68	35	945	30
23-06-0080	6343987	1320310	8	1	65	28	15,330	590	305	1	17,370	4.0	701	11-67	35	890	28

TABLE 5.—HIGH-RANKING PROGENY OF DHIA Sires: HOLSTEIN—Continued

COW'S LAST HERD CODE	COW'S REGISTRATION NO.	COW'S SIRE REGISTRATION NO.	COW'S BIRTH DATE (Mo.) (Day) (Yr.)	HERDMATES			AVERAGE PRODUCTION OF COW				LAST CALVING		REPEAT- ABILITY (Pct.)	COW INDEX	
				NUM- BER	MILK (Lb.)	FAT (Lb.)	IN MILK (Days)	REC- ORDS	MILK (Lb.)	FAT (Pct.)	(Mo.) (Yr.)	CAR		MILK	FAT
23-06-0080	6356157	1320310	8 5 65	25	15,670	600	305	1	17,290	3.7	12-67		35	860	23
23-06-0080	6402371	1320310	9 29 65	25	15,430	581	305	1	14,910	3.7	12-68		35	698	18
23-06-0080	6402370	1320310	11 9 65	24	15,400	588	305	1	19,020	3.3	1-68		35	1009	23
23-06-0093	6415907	1320310	11 14 65	47	17,500	655	305	1	17,920	3.7	12-67		35	784	21
23-06-0093	6173084	1320310	12 1 64	45	17,205	645	303	2	20,820	3.5	12-67		40	1083	28
23-06-0094	5967778	1399824	2 24 63	13	14,450	552	305	3	18,760	3.6	7-67		41	846	28
23-06-0109	6178668	1320310	7 20 64	23	14,265	529	300	2	19,065	3.6	11-67		40	1174	34
23-06-0109	6221823	1283917	2 3 64	10	13,420	483	305	2	19,335	3.4	6-67		40	911	17
23-06-0109	6435212	1347940	8 23 65	19	13,020	484	298	1	15,780	3.7	8-67		36	732	27
23-06-0118	6380891	1320310	4 29 65	18	14,250	548	305	1	15,810	4.1	8-67		35	891	28
23-06-0118	5864966	1352660	9 23 62	18	15,400	586	305	3	20,490	3.5	4-68		33	750	20
23-06-0121	5688113	1399824	12 7 62	13	15,410	594	303	3	18,613	3.4	9-67		42	735	19
23-06-0145	6363091	1222994	7 11 65	24	12,950	496	305	1	17,230	3.4	8-67		36	679	19
23-06-0145	6363090	1222994	5 19 65	24	12,950	496	305	1	16,440	3.4	8-67		36	620	17
23-06-0145	6338659	1199324	2 28 65	64	13,590	495	305	1	16,230	3.4	9-67		36	784	23
23-06-0145	6316803	1320310	12 8 64	23	13,230	508	305	1	16,250	3.6	8-67		35	994	26
23-06-0145	6536447	1386406	11 20 65	47	13,280	468	305	1	15,990	3.8	12-67		35	580	25
23-06-0145	5077038	1295523	11 18 59	16	15,217	564	305	4	17,225	3.8	8-67		40	656	28
23-06-0145	6190417	1320310	10 13 64	62	13,580	495	305	1	16,160	3.6	9-67		35	917	25
23-06-0147	5977433	1411026	4 27 63	7	13,260	478	305	3	19,866	3.4	10-67		42	888	31
23-06-0151	6840150	1320310	8 8 65	12	14,370	564	301	1	18,070	3.5	10-67		35	1008	25
23-06-0152	5679821	1316050	10 25 62	13	14,757	527	305	4	21,180	3.3	12-67		43	808	16
23-06-0153	6871015	1347940	3 29 66	12	15,490	595	305	1	17,210	3.8	3-68		36	614	22
23-06-0153	6715406	1347940	2 18 66	12	15,490	595	305	1	17,730	3.6	3-68		36	653	21
23-06-0153	6715407	1347940	3 5 66	12	15,490	595	304	1	18,310	3.3	3-68		36	696	19
23-06-0153	6536467	1347940	9 24 65	19	14,570	557	285	1	18,550	3.6	10-67		36	835	28
23-06-0153	6456193	1347940	11 20 65	20	14,650	560	305	1	21,860	3.5	11-67		36	1076	35
23-06-0155	6470303	1347940	8 13 65	13	14,590	571	305	1	15,470	4.0	7-67		36	604	23
23-06-0155	6470304	1347940	9 20 65	15	14,280	570	305	1	19,490	3.5	10-67		36	924	28
23-06-0155	6202331	1320310	7 23 64	14	14,585	557	305	2	16,190	4.6	7-67		40	896	39
23-06-0161	6372177	1320310	9 24 65	8	14,130	538	305	1	19,730	3.7	1-68		35	1149	35
23-06-0161	6274469	1320310	11 15 64	9	14,700	554	305	2	16,120	3.9	12-67		40	833	27
23-06-0161	6274471	1320310	3 18 65	8	13,660	538	305	1	16,380	3.6	8-67		35	928	24
23-06-0169	6648624	1347940	8 22 65	24	11,530	428	305	1	12,750	4.1	12-67		36	607	26
23-06-0180	5859551	1399824	5 1 63	21	13,103	503	305	3	17,536	3.8	5-67		41	845	33
23-06-0183	6513101	1347940	1 4 66	12	13,650	507	305	1	15,070	3.8	12-67		36	637	24
23-06-0183	5912039	1316050	7 7 63	16	13,426	496	303	3	21,973	3.5	9-67		42	988	27
23-06-0184	6719028	1320310	4 9 66	5	16,270	601	305	1	16,820	3.8	4-68		35	784	23
23-06-0184	6184232	1320310	10 8 64	22	15,395	608	305	2	18,500	3.9	10-67		40	1012	31
23-06-0185	6295836	1320310	2 18 65	14	15,110	581	305	1	22,850	3.5	5-67		35	1364	36
23-06-0190	6014957	1358005	12 22 63	24	13,385	488	305	2	17,425	3.2	8-67		38	878	9
23-06-0193	6033993	1358005	12 21 63	10	14,400	549	305	2	18,450	3.3	3-67		38	889	8
23-06-0193	6454281	1347940	9 28 65	14	15,010	594	305	1	16,020	3.9	9-67		36	617	22
23-06-0204	6768773	1347940	11 26 65	50	14,420	524	305	1	16,050	3.8	10-67		36	659	26
23-06-0223	6772216	1347940	1 13 66	10	15,390	558	305	1	21,040	3.3	12-67		36	965	29

23-06-0227	5575671	1199324	4	9 62	12	15,146	554	303	3	16,080	3.7	591	6-67	42	660	22
23-06-0227	6521743	1320310	9	28 65	26	14,920	517	305	1	20,560	3.3	675	2-68	35	1158	31
23-06-0239	6495721	1347940	10	14 65	27	14,880	544	305	1	19,210	3.3	626	11-67	36	863	25
23-06-0239	6457742	1320310	9	5 65	28	14,190	521	300	1	19,960	3.3	649	9-67	35	1163	29
23-06-0239	5972928	1411026	10	10 63	11	14,833	533	303	3	19,386	3.6	695	3-68	42	648	27
23-06-0246	6459449	1347940	9	17 65	25	15,570	577	305	1	20,630	3.3	675	10-67	36	923	27
23-06-0246	6401458	1347940	10	3 65	25	15,570	577	305	1	17,440	3.6	627	10-67	36	685	23
23-06-0246	6490604	1347940	9	24 65	25	15,570	577	305	1	17,220	3.5	596	10-67	36	669	21
23-06-0246	6549448	1347940	5	26 65	7	15,340	532	305	1	16,620	3.6	597	4-67	36	639	24
23-06-0246	6287281	1347940	2	15 65	7	15,340	532	305	1	16,650	3.4	562	4-67	36	642	21
23-06-0246	6309610	1347940	3	28 65	29	15,470	565	305	1	21,970	3.6	789	8-67	36	1029	36
23-06-0246	6309609	1347940	2	12 65	8	16,120	605	289	2	17,550	3.5	609	1-68	40	671	19
23-06-0246	6253857	1347940	10	3 64	7	16,015	622	305	2	20,335	3.7	745	2-68	40	906	30
23-06-0246	6371019	1347940	8	27 65	31	15,490	567	305	1	17,830	3.6	638	9-67	36	720	25
23-06-0246	6375024	1347940	9	17 65	25	15,570	577	298	1	20,010	4.0	800	10-67	36	877	36
23-06-0246	6330365	1347940	5	4 65	7	15,340	532	287	1	18,440	3.9	720	4-67	36	775	33
23-06-0246	6369210	1347940	7	30 65	24	14,920	545	305	1	17,740	4.3	754	7-67	36	751	35
23-06-0246	6222902	1347940	11	28 64	29	15,470	565	305	1	18,790	3.7	702	8-67	36	792	30
23-06-0246	6159359	1347940	9	17 64	18	15,920	599	305	2	23,155	4.1	953	11-67	40	1258	55
23-06-0247	5288175	1379944	8	22 60	12	14,764	534	305	5	18,146	3.6	648	12-67	36	612	21
23-06-0247	5288174	1379944	8	22 60	13	14,921	542	284	6	18,258	3.4	614	3-68	36	607	15
23-06-0248	6323298	1347940	5	6 65	24	13,220	524	295	1	15,140	3.4	520	6-67	36	671	19
23-06-0248	6323297	1347940	4	26 65	15	15,550	580	305	1	18,180	3.9	704	1-68	36	742	29
23-06-0248	6323299	1347940	5	9 65	31	15,050	560	305	1	19,530	4.1	804	1-68	36	817	36
23-06-0248	6701720	1347940	2	8 66	31	15,050	560	305	1	21,430	3.7	797	1-68	36	958	35
23-06-0250	6109109	1337741	8	8 64	13	14,035	539	305	2	17,150	3.6	611	10-67	40	751	22
23-06-0250	6109102	1337741	7	17 64	10	13,070	497	305	2	15,080	3.7	558	4-68	40	583	20
23-06-0271	6391101	1347940	7	25 65	23	11,200	406	305	1	14,310	3.8	549	7-67	36	745	29
23-06-0275	6495335	1313490	3	7 65	12	12,240	457	305	1	20,580	3.4	703	2-68	35	848	22
23-06-0275	5951927	1271019	12	2 63	26	13,455	500	305	2	18,310	3.8	690	10-67	40	632	23
23-06-0296	5965047	1411026	6	26 63	9	12,516	486	305	3	17,493	3.2	558	1-68	42	671	16
23-06-0307	6227453	1358005	7	25 64	6	14,366	524	303	3	17,543	3.1	544	4-68	41	769	3
23-06-0314	6224548	1443894	1	1 65	18	15,290	573	305	1	19,320	3.6	703	1-67	24	592	18
23-06-0323	6026649	1330987	3	4 63	8	14,360	557	305	2	17,165	4.1	708	3-68	40	590	33
23-06-0324	5337331	1347940	1	8 61	5	14,006	527	297	5	16,662	3.5	582	2-68	44	760	23
23-06-0330	6211066	1329588	11	12 64	6	15,190	535	291	2	18,875	3.4	641	1-68	40	638	17
23-06-0342	6531625	1320310	11	28 65	12	11,150	393	305	1	14,460	3.2	460	2-68	35	954	24
23-07-0002	6230858	1415405	8	7 64	23	16,275	600	304	2	19,725	3.4	680	9-67	40	656	16
23-07-0002	6021713	1411224	11	30 63	16	17,440	620	305	3	23,870	3.3	790	3-68	41	1049	25
23-07-0002	5976633	1427615	9	7 63	31	16,713	601	295	3	17,883	3.5	630	10-67	42	739	16
23-07-0017	6509610	1399824	1	25 66	6	14,940	586	305	1	19,100	4.1	780	3-68	35	654	30
23-07-0030	5450695	1347940	3	16 61	10	17,822	678	301	4	22,270	3.7	819	11-67	44	1074	37
23-07-0030	6040035	1347940	10	11 63	9	20,695	823	305	2	22,890	3.5	795	11-67	40	795	18
23-07-0033	6676509	1347940	5	7 66	11	14,810	538	305	1	17,220	4.0	686	4-68	36	661	29
23-07-0035	5931932	1399263	10	30 63	5	13,540	539	304	3	18,380	3.3	601	10-67	33	901	12

TABLE 5.—HIGH-RANKING PROGENY OF DHIA Sires: HOLSTEIN—Continued

COW'S LAST HERD CODE	COW'S REGISTRATION NO.	COW'S SIRE REGISTRATION NO.	COW'S BIRTH DATE (Mo.) (Day) (Yr.)	HERDMATES			AVERAGE PRODUCTION OF COW				LAST CALVING (Mo.) (Yr.)		REPEAT- ABILITY (P_{ct})	COW INDEX	
				NUM- BER	MILK (Lb.)	FAT (Lb.)	IN MILK (Days)	REC- ORDS	MILK (Lb.)	FAT (Pct.)				MILK	FAT
23-07-0049	6347259	1415405	2 27 64	10	16,295	615	303	2	19,195	3.6	695	2-67	40	601	16
23-07-0057	6287207	1300014	11 16 64	5	14,985	572	303	2	19,750	3.2	640	4-68	40	809	9
23-07-0057	6012215	1427615	12 21 63	7	15,303	570	299	3	17,066	4.2	722	4-68	42	751	29
23-07-0057	6237021	1300014	9 12 64	14	15,670	618	305	2	21,480	3.7	791	12-67	40	922	21
23-07-0061	6072141	1437473	4 23 64	24	13,310	507	305	2	19,080	4.1	787	10-67	29	834	41
23-07-0062	6643800	1373058	12 17 65	14	12,140	491	301	1	17,690	3.4	608	11-67	25	710	18
23-07-0070	5947933	1199324	9 2 62	12	13,056	472	304	3	16,010	3.4	537	6-67	42	868	24
23-07-0070	6364018	1347940	3 3 64	13	12,925	457	305	2	13,790	3.6	491	12-67	40	581	21
23-07-0078	6328862	1427052	9 10 64	9	11,880	438	305	1	15,600	3.9	616	1-67	35	589	18
23-07-0082	6116411	1300014	3 1 64	18	14,585	549	305	2	18,885	3.6	676	2-68	40	757	15
23-07-0084	6275017	1373058	12 13 63	5	16,466	617	304	3	21,053	3.3	703	3-68	33	855	19
23-07-0084	6275014	1373058	10 22 63	7	16,096	597	300	3	20,456	3.0	607	8-67	33	820	9
23-07-0084	6275015	1373058	9 16 64	8	16,265	594	294	2	21,445	4.0	857	8-67	30	855	39
23-07-0084	6275018	1373058	5 6 64	8	15,595	581	305	2	20,640	3.7	762	9-67	30	832	29
23-07-0084	5767338	1373058	9 23 62	8	16,006	609	299	3	19,486	3.7	727	10-67	33	702	24
23-07-0084	5475091	1373058	12 18 61	8	17,195	624	297	4	20,027	3.3	670	8-67	35	658	15
23-07-0091	6508219	1464508	10 22 65	9	17,650	667	305	1	22,670	3.6	809	2-68	26	686	18
23-07-0091	6245120	1259069	1 5 65	5	15,740	600	302	2	19,890	3.5	706	3-68	40	655	16
23-07-0099	6470049	1239242	1 28 66	42	17,870	654	305	1	22,360	3.4	751	2-68	36	674	19
23-07-0099	6453883	1347940	7 9 65	25	17,255	633	295	2	21,160	3.3	708	3-68	40	877	25
23-07-0108	5246426	1199324	10 10 60	13	15,701	590	298	6	17,150	3.5	602	8-67	44	730	19
23-07-0108	6258543	1300014	12 1 63	16	15,340	578	305	2	20,120	3.3	663	6-67	40	814	11
23-07-0108	6258547	1427615	7 18 64	19	14,075	539	303	2	19,525	3.3	638	8-67	40	1145	22
23-07-0119	6461044	1441026	9 1 65	33	16,900	641	305	1	20,010	3.6	728	2-68	30	762	18
23-07-0129	6362270	1441440	7 13 65	8	16,520	606	305	1	22,330	3.4	755	5-67	34	741	25
23-07-0133	6319448	1441440	3 13 65	11	12,880	491	305	1	17,580	3.7	653	9-67	35	657	25
23-07-0134	5417075	1199324	5 4 61	9	13,782	523	304	4	15,705	3.6	559	3-67	44	762	21
23-07-0137	5805208	1300014	3 19 63	12	12,723	495	305	3	16,660	3.7	614	7-67	42	743	15
23-07-0137	5655683	1222994	7 13 62	14	13,293	532	305	3	18,736	3.5	648	11-66	42	955	26
23-07-0148	5237647	1344950	1 8 61	14	13,792	522	305	5	17,008	3.9	665	1-68	39	814	31
23-07-0148	5951987	1199324	10 24 63	11	13,120	508	298	2	16,620	4.1	680	8-67	40	903	35
23-07-0165	5877610	1427615	8 24 63	12	15,306	569	301	3	16,516	3.6	602	12-67	42	727	16
23-07-0167	6523371	1441026	8 25 65	22	14,940	531	305	1	15,840	3.6	564	8-67	28	635	17
23-07-0167	6284015	1239242	3 6 65	27	14,525	516	302	2	19,785	3.4	681	12-67	40	832	27
23-07-0169	5685171	1144239	7 25 62	16	13,712	522	305	4	24,405	3.3	798	11-67	44	1318	29
23-07-0178	6677690	1373058	1 18 66	6	15,230	551	305	1	22,880	3.4	775	12-67	25	922	27
23-07-0179	5862518	1199324	7 6 63	9	14,690	525	305	3	17,400	3.6	633	1-68	42	859	30
23-07-0179	5862519	1199324	8 2 63	15	13,576	492	305	3	15,556	3.6	565	10-67	42	762	25
23-07-0179	5862520	1199324	8 18 63	9	14,803	528	305	3	17,296	3.7	646	1-68	42	835	31
23-07-0179	6347426	1347940	5 13 65	30	13,140	473	305	1	16,330	3.6	581	9-67	36	765	27
23-07-0203	6392531	1347940	8 3 65	11	15,400	589	305	1	16,760	4.1	679	9-67	36	646	26
23-08-0001	6597047	1347940	9 1 66	14	12,110	459	305	1	17,970	3.6	643	3-68	36	898	31
23-08-0006	6450881	1347940	8 10 65	33	12,820	485	290	1	14,410	4.1	591	10-67	36	644	27
23-08-0008	6207435	1428789	12 26 63	16	15,060	551	305	2	19,525	4.0	782	9-67	29	607	31
23-08-0009	6193332	1422052	11 14 64	23	13,590	531	305	1	20,450	3.6	738	9-67	22	695	20

23-08-0009	5811765	1358157	9	8	62	23	13,805	528	305	2	18,995	4.0	752	8-67	29	781	34
23-08-0038	5789946	1271019	11	21	62	44	12,790	485	305	3	17,463	3.4	591	4-68	42	663	15
23-08-0038	6387978	1347940	8	25	65	32	13,260	480	305	1	15,890	3.5	557	2-68	36	665	23
23-08-0039	6512325	1347940	10	6	65	27	15,360	567	305	1	16,740	3.5	588	10-67	36	647	21
23-08-0039	6049549	1294703	12	9	63	12	15,225	542	305	2	19,240	3.6	699	4-67	40	837	26
23-08-0045	6425415	1347940	9	12	65	11	12,040	462	305	1	13,800	3.8	528	10-67	36	651	24
23-08-0045	6425416	1347940	12	8	65	8	12,700	496	305	1	15,570	3.4	536	12-67	36	738	22
23-08-0045	6095113	1271019	1	15	64	8	12,120	467	305	2	16,935	3.5	590	3-68	40	614	16
23-08-0087	5885603	1199324	9	26	63	8	15,700	577	305	2	19,380	3.5	685	2-67	40	948	29
23-08-0087	5828085	1358823	9	2	62	18	16,655	610	304	4	22,462	3.4	753	1-68	44	750	20
23-08-0104	6722869	1301864	10	23	65	29	16,280	580	305	1	21,880	3.6	791	10-67	35	707	30
23-08-0104	6387777	1303198	12	16	64	26	15,850	571	300	2	18,965	3.4	647	10-67	40	580	17
23-08-0124	5340759	1271019	12	19	60	11	16,238	606	304	5	20,812	3.7	779	9-67	44	754	27
23-08-0135	6554110	1347940	1	12	66	24	13,920	537	305	1	17,180	4.0	684	2-68	36	717	29
23-08-0140	6596811	1347940	9	11	65	36	12,390	471	305	1	14,080	3.9	553	11-67	36	648	25
23-08-0144	6457082	1347940	8	20	65	39	13,090	529	305	1	17,000	3.8	645	10-67	36	819	28
23-08-0152	6533292	1347940	12	30	65	24	15,300	522	305	1	18,970	3.4	640	3-68	36	758	26
23-08-0153	6532164	1347940	11	14	65	19	14,940	605	305	1	17,080	3.7	630	11-67	36	701	22
23-08-0153	5971678	1271019	9	26	63	19	14,173	533	301	3	19,320	3.7	708	2-68	42	734	23
23-08-0153	6116334	1271019	5	26	64	11	14,740	606	305	1	22,460	3.5	795	9-67	36	734	18
23-08-0163	5897051	1271019	10	15	61	13	15,262	573	305	4	21,252	3.5	744	8-67	44	892	25
23-08-0163	6738781	1347940	8	20	65	17	17,170	612	285	1	19,070	3.6	683	3-68	36	640	23
23-08-0163	6615837	1347940	8	1	65	22	15,750	574	305	1	22,890	3.1	702	11-67	36	1079	29
23-08-0163	6739942	1347940	3	12	66	17	17,170	612	305	1	19,620	4.0	789	3-68	36	681	31
23-08-0164	6514790	1358005	7	30	64	11	14,590	561	305	2	19,745	3.2	640	9-67	39	988	10
23-08-0173	6435149	1347940	10	12	65	16	14,840	575	305	1	17,480	3.9	680	12-67	36	737	27
23-08-0173	6228896	1296729	12	8	64	24	14,740	573	297	2	17,505	4.0	700	1-68	40	583	15
23-08-0190	6497219	1347940	10	1	65	10	15,590	593	305	1	18,230	3.5	644	10-67	36	743	23
23-08-0190	6497220	1347940	12	2	65	8	15,150	582	305	1	18,060	3.6	650	9-67	36	759	25
23-08-0202	6058735	1411042	12	2	63	14	14,960	540	305	3	19,196	3.4	648	4-68	32	656	16
23-08-0233	6165348	1434301	12	2	64	15	16,670	590	304	2	20,180	3.4	684	11-67	33	615	16
23-08-0233	6365417	1222994	5	11	65	13	14,820	565	305	1	18,750	3.7	688	8-67	36	667	23
23-08-0233	6365418	1222994	7	14	65	11	15,100	579	305	1	18,640	3.8	709	9-67	36	640	23
23-08-0234	6464237	1347940	7	17	65	17	16,970	628	305	1	20,360	4.0	813	12-67	36	809	34
23-08-0250	5059651	1306477	10	16	59	10	12,717	473	305	4	18,490	3.3	613	11-67	44	780	14
23-08-0254	6700270	1347940	2	1	66	9	13,050	504	295	1	15,890	3.7	592	2-68	36	680	24
23-08-0262	6453985	1347940	12	9	65	30	12,480	471	292	1	15,600	3.5	549	10-67	36	755	24
23-08-0281	5028932	1305145	9	8	59	39	16,558	590	304	7	19,382	3.5	672	3-68	36	677	20
23-08-0281	5739924	1271019	9	3	62	31	16,140	580	305	3	20,953	3.2	676	1-68	42	718	15
23-08-0281	5749496	260599C	9	22	62	51	16,215	571	305	2	22,310	3.4	756	9-67	40	891	20
23-08-0281	5942701	260599C	9	23	63	45	15,350	535	305	1	21,690	3.1	729	9-67	35	751	12
23-08-0281	5942699	1388663	9	18	63	50	16,665	588	305	2	21,480	3.4	726	9-67	33	764	25
23-08-0291	6569379	1347940	10	22	65	24	13,990	524	305	1	16,860	3.7	621	1-68	36	689	25
23-08-0309	6471246	1347940	9	7	65	16	16,190	640	305	1	18,630	3.6	663	10-67	36	732	22
23-08-0309	6480061	1347940	12	24	65	15	16,210	613	305	1	19,250	3.8	728	1-68	36	718	27

TABLE 5.—HIGH-RANKING PROGENY OF DHIA SIRE: HOLSTEIN—Continued

COW'S LAST HERD CODE	COW'S REGISTRATION NO.	COW'S SIRE REGISTRATION NO.	COW'S BIRTH DATE (Mo.) (Day) (Yr.)	HERDMATES			AVERAGE PRODUCTION OF COW				LAST CALVING		REPEAT- ABILITY (Pct.)	COW INDEX	
				NUM- BER	MILK (Lb.)	FAT (Lb.)	IN MILK (Days)	REC- ORDS	MILK (Lb.)	FAT (Pct.)	(Mo.) (Yr.)	CAR		MILK	FAT
23-08-0312	6455185	1347940	8 15 65	25	14,720	535	305	1	15,320	3.4	10-67		36	584	19
23-08-0313	6508803	1330987	9 16 65	19	16,650	606	305	1	20,650	4.1	3-68		36	638	36
23-08-0321	6859758	1347940	8 20 65	12	13,400	489	305	1	17,630	3.3	9-67		36	845	26
23-08-0330	6253257	1417208	2 14 65	8	11,830	434	305	1	15,780	3.7	8-67		35	630	27
23-08-0330	6226351	1417208	1 20 65	37	12,790	464	305	1	16,380	3.6	9-67		35	615	24
23-08-0343	6487517	1347940	12 9 65	13	13,940	508	305	1	14,600	3.5	11-67		36	583	20
23-08-0343	6401374	1347940	11 3 65	19	13,830	515	305	1	18,720	3.4	10-67		36	897	28
23-08-0343	6401372	1347940	8 8 65	19	13,830	515	305	1	15,620	3.7	10-67		36	666	24
23-08-0365	5991336	1294703	11 4 63	14	15,235	592	305	2	20,090	3.6	10-67		40	923	24
23-08-0369	6726455	1199324	3 2 65	8	13,990	539	302	1	17,580	3.3	5-67		36	858	23
23-08-0370	6494422	1347940	9 29 65	16	12,770	503	305	1	13,800	3.9	9-67		36	602	22
23-08-0372	6432289	1347940	9 13 65	22	17,290	652	305	1	21,670	3.6	9-67		36	885	30
23-08-0405	6429478	1291498	8 2 65	12	13,830	493	296	1	19,120	3.6	8-67		35	607	18
23-08-0411	6284332	1329588	10 19 64	13	13,685	474	305	2	17,190	3.8	10-67		40	604	25
23-08-0421	6483682	1347940	9 29 65	14	15,040	573	305	1	17,230	3.8	8-67		36	705	25
23-08-0421	6483685	1347940	11 12 65	17	15,240	585	303	1	24,610	3.5	11-67		36	1241	41
23-08-0421	6483683	1347940	10 16 65	21	14,980	564	305	1	16,470	3.9	10-67		36	652	26
23-08-0421	6483688	1347940	2 15 66	9	14,700	558	303	1	16,170	3.8	1-68		36	649	24
23-08-0436	6473891	1347940	1 3 66	42	16,190	612	305	1	21,340	3.4	11-67		36	934	28
23-08-0436	6443215	1347940	10 30 65	42	16,190	612	294	1	18,170	4.0	11-67		36	698	28
23-08-0436	6443214	1347940	9 9 65	35	16,040	601	286	1	16,770	3.6	9-67		36	604	20
23-08-0436	6443213	1347940	9 7 65	35	16,040	601	305	1	18,320	3.7	9-67		36	719	25
23-08-0436	6443216	1347940	11 3 65	29	16,630	622	290	1	17,420	3.3	12-67		36	613	17
23-08-0436	5821204	1283917	12 15 62	36	16,175	602	303	4	19,552	3.2	10-67		44	744	5
23-08-0453	6567542	1330987	10 5 65	21	13,350	499	290	1	17,170	4.0	11-67		36	633	33
23-08-0457	6522842	1282185	10 2 64	20	16,035	608	305	2	21,375	3.4	11-67		40	684	15
23-08-0462	6450901	1347940	10 12 65	22	14,920	563	305	1	19,870	3.3	10-67		36	910	26
23-08-0462	6450903	1445401	10 15 65	22	14,850	559	305	1	20,520	3.2	10-67		33	619	18
23-08-0468	5363517	1271019	8 12 60	17	15,045	553	304	4	19,242	3.6	9-67		44	668	21
23-08-0468	6594232	1306477	7 1 65	19	14,190	521	305	1	21,000	3.7	10-67		36	601	16
23-08-0468	6602140	1296729	12 6 64	19	13,900	519	305	1	19,750	3.4	8-67		36	747	12
23-08-0493	5753957	1298430	3 12 61	12	13,222	473	299	4	20,320	3.4	10-67		44	739	23
23-08-0506	6469563	1296729	12 5 65	23	17,740	688	305	1	23,140	3.4	11-67		36	742	10
23-08-0511	6306695	1330987	11 23 64	25	15,350	570	297	1	20,210	3.3	11-67		36	725	26
23-08-0529	6404680	1347940	8 26 65	18	14,580	549	305	1	16,970	3.9	10-67		36	716	27
23-08-0536	6405348	1357743	6 11 65	18	13,870	523	305	1	23,270	3.4	10-67		34	857	21
23-08-0537	6127822	1278644	8 16 64	13	15,655	580	304	2	20,825	3.1	11-67		40	907	14
23-08-0548	6553286	1386406	2 25 66	5	14,810	535	305	1	17,480	3.6	637		35	588	23
23-08-0552	6421214	1347940	11 17 65	14	15,110	545	305	1	17,100	3.5	2-68		36	632	21
23-08-0555	6376015	1347940	9 14 65	10	16,410	633	305	1	18,190	3.9	9-67		36	685	26
23-08-0558	6506058	1347940	12 5 65	13	14,650	584	305	1	16,650	4.3	4-68		36	629	27
23-08-0574	6269488	1320310	12 11 64	13	15,770	603	287	2	15,305	3.8	12-67		40	653	18
23-08-0574	6131714	1358005	4 8 64	8	16,055	602	305	2	19,315	3.3	8-67		38	824	6
23-08-0581	5428701	1199324	9 18 61	6	10,470	372	305	1	12,660	3.2	11-67		36	727	21
23-08-0583	6432582	1347940	11 9 65	33	12,210	450	305	1	15,230	3.6	11-67		36	746	26

23-08-0583	1347940	12	6	65	23	12,040	442	305	1	14,450	3.8	545	2-68	36	640	25
23-09-0001	1320310	8	31	64	39	13,125	495	294	2	15,315	3.5	543	8-67	40	941	24
23-09-0001	1300014	4	14	64	36	12,995	481	305	2	17,730	3.6	646	6-67	40	785	18
23-09-0012	1441440	9	23	65	28	11,400	432	301	1	15,490	3.9	605	2-68	35	604	26
23-09-0012	1347940	9	5	65	32	11,620	438	289	1	14,140	3.7	528	1-68	36	645	24
23-09-0036	1320310	1	3	61	21	13,470	486	303	5	16,028	3.9	620	6-67	44	1005	35
23-09-0036	1358005	1	1	64	31	14,480	526	301	3	18,236	3.3	608	11-67	41	877	11
23-09-0039	1199324	2	22	64	6	14,050	529	302	2	15,965	3.4	549	7-67	40	752	20
23-09-0051	1320310	6	6	65	11	11,570	436	305	1	13,750	3.6	491	7-67	35	918	24
23-09-0051	1320310	9	28	65	20	13,860	529	305	1	16,630	3.8	624	1-68	35	934	27
23-09-0060	1320310	6	8	65	17	14,300	545	305	1	15,730	3.8	605	8-67	35	882	25
23-09-0060	1320310	10	17	64	14	16,495	600	305	2	20,170	3.8	766	10-67	40	1082	36
23-09-0060	1320310	7	9	64	12	16,735	601	305	2	20,415	3.5	717	11-67	40	1085	31
23-09-0060	1320310	7	13	64	18	15,340	588	299	2	20,075	3.7	747	7-67	40	1223	36
23-09-0062	1411026	7	21	65	10	13,870	556	305	1	20,680	3.3	690	11-67	35	650	19
23-09-0064	1330908	7	25	60	10	14,962	541	295	4	18,665	3.5	645	8-67	35	689	22
23-09-0065	1358823	2	3	62	16	15,290	580	271	4	20,662	3.8	782	10-67	44	680	27
23-09-0068	1320310	10	19	64	18	15,250	544	305	2	16,565	3.6	602	3-68	40	828	25
23-09-0068	1411026	10	4	65	19	14,050	503	305	1	20,290	3.3	672	6-67	35	608	21
23-09-0068	1320310	10	11	64	16	13,680	506	305	1	17,040	3.2	541	7-67	35	1023	23
23-09-0068	1320310	9	21	64	19	15,480	569	305	2	15,895	3.5	560	2-68	40	739	18
23-09-0068	1320310	11	21	64	19	15,340	557	305	2	15,160	3.8	569	3-68	40	677	20
23-09-0068	1320310	10	15	64	19	15,480	569	305	2	15,425	3.6	550	2-68	40	691	18
23-09-0069	1347940	1	9	66	12	14,340	559	296	1	17,260	3.8	660	2-68	36	695	25
23-09-0069	1347940	1	3	66	8	13,480	529	305	1	16,910	3.5	591	4-68	36	727	22
23-09-0073	1320310	2	26	65	5	14,400	529	305	1	17,250	3.8	653	8-67	35	990	29
23-09-0074	1330981	8	27	60	8	14,160	541	303	2	19,880	3.7	739	12-67	40	704	27
23-09-0081	1329588	4	27	64	9	13,175	494	305	2	19,800	3.5	698	7-67	40	916	27
23-09-0084	1199324	2	19	63	5	14,003	508	299	3	14,490	3.8	548	11-67	42	595	22
23-09-0088	1320310	10	24	64	10	13,395	521	305	2	18,370	3.5	642	12-67	40	1183	31
23-09-0101	1347940	12	15	65	13	14,220	530	305	1	16,120	3.7	590	12-67	36	677	24
23-09-0101	1347940	10	4	65	13	14,220	530	305	1	18,510	3.5	641	12-67	36	855	27
23-09-0102	1347940	10	29	65	32	12,020	441	305	1	14,520	3.4	493	11-67	36	706	22
23-09-0102	1347940	1	17	66	35	11,670	425	298	1	13,380	3.9	525	2-68	36	585	24
23-09-0102	1347940	11	15	65	24	12,370	452	305	1	16,410	3.6	596	12-67	36	823	29
23-09-0102	1347940	3	9	66	23	11,680	419	305	1	13,650	3.2	434	3-68	36	604	18
23-09-0105	1358005	3	12	62	12	15,627	587	305	4	19,105	3.7	704	8-67	42	900	18
23-09-0118	1199324	9	16	61	17	14,145	537	305	4	16,612	3.6	595	6-67	44	834	24
23-09-0134	1199324	1	10	63	7	17,220	630	305	2	19,570	3.3	646	12-67	40	828	20
23-09-0137	1320310	1	10	65	8	11,580	424	305	1	15,800	3.6	569	7-67	35	1072	30
23-09-0143	1347940	6	5	65	9	14,910	569	305	1	18,370	3.9	714	1-68	36	740	29
23-09-0143	1347940	8	8	65	9	13,300	507	305	1	17,780	3.2	572	12-67	36	863	24
23-09-0143	1347940	7	30	65	21	12,930	489	305	1	16,440	3.8	621	10-67	36	788	29
23-09-0143	1347940	6	5	65	22	12,670	484	305	1	16,960	4.0	670	9-67	36	844	33
23-09-0143	1320310	3	19	65	23	13,400	505	305	1	14,040	3.5	489	10-67	35	769	19

TABLE 5.—HIGH-RANKING PROGENY OF DHIA SIRE: HOLSTEIN—Continued

COW'S LAST HERD CODE	COW'S REGISTRATION NO.	COW'S SIRE REGISTRATION NO.	COW'S BIRTH DATE (Mo.) (Day) (Yr.)	HERDMATES			AVERAGE PRODUCTION OF COW				LAST CALVING (Mo.) (Yr.)	REPEAT- ABILITY (Pct.)	COW INDEX	
				NUM- BER	MILK (Lb.)	FAT (Lb.)	IN MILK (Days)	REC- ORDS	MILK (Lb.)	FAT (Pct.)			MILK	FAT
23-09-0301	6282454	1320310	2 15 65	10	14,720	551	305	1	14,210	3.7	5-67	35	739	19
23-09-0301	5238308	1320310	11 16 60	22	14,960	548	299	6	14,625	3.6	11-67	44	604	16
23-09-0301	5172661	1320310	5 9 60	22	14,770	546	300	5	17,714	3.6	3-68	44	1029	25
23-09-0301	5172660	1320310	4 9 60	13	15,460	573	305	5	16,470	3.3	5-67	44	829	19
23-09-0301	5031951	1320310	12 12 59	13	15,290	561	305	5	17,100	4.1	5-67	44	931	37
23-09-0301	5031949	1320310	10 30 59	19	14,226	524	305	6	16,821	3.7	11-67	44	977	30
23-09-0301	6392092	1320310	7 25 65	32	13,880	513	305	1	16,380	3.9	9-67	35	913	29
23-09-0301	6392093	1320310	9 24 65	33	13,880	513	305	1	16,720	3.3	9-67	35	939	23
23-09-0301	6155628	1320310	7 24 64	33	15,105	536	303	2	15,570	3.4	12-67	40	740	19
23-09-0301	5979701	1320310	11 6 63	27	14,890	534	303	3	15,896	3.7	11-67	42	787	24
23-09-0301	5979699	1320310	9 20 63	23	14,376	520	302	3	16,883	3.6	2-68	42	956	28
23-09-0301	5979702	1320310	11 22 63	26	14,913	534	301	3	14,240	3.7	11-67	42	592	18
23-09-0301	5979706	1358005	11 21 63	30	14,580	527	302	3	17,910	3.5	11-67	41	829	14
23-09-0301	5979698	1320310	9 9 63	23	13,713	505	305	3	17,240	3.3	10-67	42	1067	25
23-09-0301	5932407	1320310	9 5 63	22	14,103	513	304	3	13,986	3.5	11-67	42	647	16
23-09-0301	5932405	1320310	8 10 63	18	13,273	497	305	3	17,440	3.1	8-67	42	1181	24
23-09-0306	6218011	1320310	9 12 64	19	15,745	593	305	2	21,475	3.8	4-68	40	1284	42
23-09-0306	6218010	1320310	9 1 64	27	15,855	607	305	2	19,455	3.7	1-68	40	1068	32
23-09-0306	6232203	1320310	12 10 64	20	12,350	472	305	1	17,130	3.9	6-67	35	1120	34
23-09-0306	6232198	1320310	11 3 64	17	15,765	597	305	2	19,240	3.8	3-68	40	1054	32
23-09-0306	6232197	1320310	10 10 64	20	15,745	602	305	2	17,790	3.6	2-68	40	908	23
23-09-0306	6232199	1320310	11 17 64	16	15,500	581	296	2	16,190	3.4	3-68	40	767	17
23-09-0306	6232196	1320310	10 7 64	18	15,875	596	305	2	18,965	3.6	4-68	40	1016	29
23-09-0306	6232200	1320310	11 17 64	15	14,835	556	299	2	16,420	3.5	4-68	40	852	21
23-09-0306	6232202	1320310	11 18 64	18	15,480	587	295	2	18,750	3.6	2-68	40	1030	28
23-09-0306	6194548	1320310	8 20 64	25	15,820	611	305	2	16,880	3.6	12-67	40	808	18
23-09-0306	6430374	1320310	9 9 65	28	15,610	596	305	1	20,450	3.4	1-68	35	1103	28
23-09-0306	6430373	1320310	8 18 65	24	15,540	605	305	1	16,930	3.6	12-67	35	842	20
23-09-0306	6430371	1320310	6 18 65	28	14,710	575	305	1	18,640	4.2	11-67	35	1028	36
23-09-0306	6430372	1320310	7 15 65	24	15,540	605	305	1	17,720	3.6	12-67	35	902	23
23-09-0306	6518592	1320310	11 22 65	21	15,370	582	305	1	17,100	3.7	2-68	35	866	24
23-09-0306	6335939	1320310	3 8 65	15	12,340	474	305	1	16,560	3.6	9-67	35	1078	29
23-09-0306	6335938	1320310	4 3 65	32	14,080	552	305	1	15,170	3.8	10-67	35	808	21
23-09-0306	6335940	1320310	3 12 65	15	12,340	474	305	1	10,170	4.3	9-67	35	596	17
23-09-0310	6344543	1242221	7 1 65	13	16,270	644	305	1	20,110	3.7	11-67	32	973	32
23-09-0310	6314435	1242221	6 23 65	15	17,090	666	305	1	21,680	3.4	7-67	32	1039	30
23-09-0310	4893821	1290182	5 18 59	7	17,316	660	302	5	21,674	3.6	7-67	44	605	18
23-09-0412	6341129	1320310	8 19 64	5	15,945	590	297	2	19,640	3.6	2-68	40	1078	30
23-09-0412	6756788	1320310	10 10 65	9	14,360	514	305	1	19,200	3.7	10-67	35	1094	34
23-09-0417	6374638	1358005	10 20 64	18	15,975	585	299	2	18,750	3.2	10-67	39	756	4
23-09-0418	6320253	1347940	5 8 65	32	12,840	471	305	1	16,800	3.5	10-67	36	820	28
23-09-0418	6003948	1390131	6 7 62	23	13,940	522	305	4	18,302	3.6	2-68	41	881	34
23-09-0431	6349587	1320310	7 26 65	5	12,980	483	305	1	16,070	3.3	8-67	35	997	24
23-09-0433	6212122	1337741	8 24 64	15	14,645	550	305	2	17,795	4.0	10-67	40	761	31
23-09-0826	6500148	1347940	12 7 65	12	13,910	544	305	1	23,360	3.9	12-67	36	1237	47

23-09-0826	6500149	1347940	12 16 65	12 13,910	544	305	1	19,360	3.5	683	12-67	36	939	30
23-09-0902	6320474	1347940	4 30 65	12 14,720	576	305	1	16,670	3.3	556	7-67	36	685	19
23-09-0902	6607298	1347940	10 29 63	13 15,170	576	305	1	17,930	3.3	598	12-67	36	748	21
23-09-0902	5839583	1390131	1 7 63	16 14,780	569	305	3	18,310	4.5	821	9-67	39	760	48
23-09-0904	4296201	1213136	8 5 56	16 14,590	547	298	9	18,182	3.3	593	2-68	43	960	19
23-09-0904	6146736	1358005	6 7 64	16 14,295	536	305	2	20,030	3.6	725	6-67	38	1064	22
23-09-0904	6059561	1390131	12 8 63	25 14,790	580	293	3	17,806	3.8	675	10-67	39	698	29
23-09-0904	5895287	1390131	9 21 63	17 15,816	608	298	3	20,220	3.6	733	12-67	39	879	33
23-09-0906	6226966	1320310	12 21 64	20 12,010	466	305	1	11,750	4.0	465	8-67	35	738	20
23-09-0906	6226967	1320310	1 10 65	20 12,010	466	303	1	11,730	3.8	448	8-67	35	736	19
23-09-0906	6368291	1320310	8 12 65	30 12,440	489	305	1	14,810	3.8	558	10-67	35	893	24
23-10-0014	6141376	1427615	5 8 64	14 14,330	563	299	2	19,845	3.5	694	11-67	40	1155	25
23-10-0014	6169295	1427615	10 2 64	17 14,395	570	304	2	15,810	3.6	568	8-67	40	737	12
23-10-0014	5931082	1427615	11 1 63	22 14,310	561	305	2	17,050	3.6	614	7-67	40	872	17
23-10-0014	5955634	1288610	12 20 63	15 13,720	534	305	2	18,510	3.8	698	8-67	40	662	18
23-10-0014	6041797	1427615	2 29 64	21 14,015	547	305	2	17,680	3.7	662	6-67	40	963	24
23-10-0024	6004925	1427615	7 27 63	11 14,066	560	305	3	19,703	3.7	730	11-67	42	1228	31
23-10-0024	6018793	1427615	8 8 63	11 13,943	549	304	3	16,743	3.4	568	9-67	42	896	14
23-10-0030	6154344	1415405	2 21 64	22 15,280	553	305	2	21,630	3.6	770	3-68	40	911	28
23-10-0030	4809269	1300014	1 6 59	15 13,872	515	296	5	17,580	3.5	616	8-67	44	771	15
23-10-0030	6419672	1441440	2 15 65	14 12,720	457	268	1	17,890	3.5	627	9-67	35	691	26
23-10-0045	5050925	1300014	10 21 59	13 16,112	589	305	5	21,868	3.5	774	11-67	44	1064	27
23-10-0045	6019444	1427615	7 6 63	11 16,035	575	305	2	21,865	3.5	755	6-67	40	1204	31
23-10-0050	5729691	1119686	10 28 62	7 12,767	529	302	4	17,835	4.1	736	2-68	44	610	32
23-10-0061	5848297	1427615	7 18 63	13 13,956	530	305	3	16,663	3.4	559	11-67	42	886	15
23-10-0080	5991360	1415405	8 18 63	26 16,843	625	305	3	23,183	3.4	791	8-67	42	1045	27
23-10-0080	5991361	1415405	9 17 63	31 17,390	650	298	3	23,220	3.6	833	1-68	42	961	28
23-10-0080	6066318	1415405	3 25 64	33 16,940	636	305	2	22,860	4.0	905	10-67	40	915	35
23-10-0080	4967768	1300014	10 13 59	21 17,877	678	298	7	21,077	3.7	776	12-67	44	757	17
23-10-0083	6130983	1427615	7 24 64	14 13,880	532	305	2	15,850	3.5	551	12-67	40	789	14
23-10-0094	6206547	1427615	1 21 64	9 15,045	595	304	2	19,060	3.9	743	7-67	40	1009	27
23-10-0096	5992253	1427615	9 30 63	12 15,065	566	305	2	19,010	3.6	693	2-68	40	961	25
23-10-0096	6604610	1427615	4 16 64	11 15,035	566	305	2	16,980	3.8	642	3-68	40	757	19
23-10-0096	6343232	1415405	6 16 64	14 15,170	574	305	2	19,440	3.7	713	11-67	40	729	21
23-10-0103	5895737	1427615	9 24 63	11 17,250	677	305	2	18,240	3.9	712	8-67	40	723	17
23-10-0106	6324595	1441440	1 26 65	12 12,190	481	305	1	16,020	4.0	633	6-67	35	585	24
23-10-0123	6050107	1427615	12 31 63	12 13,990	546	305	2	18,905	3.5	655	7-67	39	812	17
23-10-0120	6331442	1441440	2 21 65	8 13,160	482	305	1	17,070	3.9	665	7-67	35	598	27
23-10-0122	6104303	1427615	3 6 64	8 13,615	536	305	2	15,410	3.5	537	5-67	40	768	12
23-10-0122	6454794	1320310	6 16 65	8 13,310	526	305	1	18,740	3.8	707	7-67	35	1176	34
23-10-0123	6134195	1427615	4 13 64	15 16,305	664	305	2	19,235	4.2	814	10-67	40	911	28
23-10-0123	6050107	1427615	12 10 63	15 16,305	664	305	2	20,965	3.4	709	10-67	40	1088	18
23-11-0008	6098861	1300014	4 14 64	13 12,835	461	297	2	17,630	3.1	555	7-67	40	790	11
23-11-0012	6177690	1427615	6 19 63	22 12,255	451	305	2	16,190	3.8	621	10-67	40	972	28
23-11-0012	6241243	1427615	7 28 64	25 11,745	443	305	2	14,850	3.3	487	10-67	40	983	15

TABLE 5.—HIGH-RANKING PROGENY OF DHIA SIRE: HOLSTEIN—Continued

COW'S LAST HERD CODE	COW'S REGISTRATION NO.	COW'S SIRE REGISTRATION NO.	COW'S BIRTH DATE (Mo.) (Day) (Yr.)	HERDMATES			AVERAGE PRODUCTION OF COW						LAST CALVING		REPEAT- ABILITY (Pct.)	COW INDEX	
				NUM- BER	MILK (Lb.)	FAT (Lb.)	IN MILK (Days)	REC- ORDS	MILK (Lb.)	FAT (Pct.)	FAT (Lb.)	(Mo.) (Yr.)	CAR	MILK		FAT	
23-11-0040	6223228	1427615	8 13 63	13	13,330	507	299	2	14,900	3.7	557	9-67		40	742	17	
23-11-0049	6137398	1427615	7 9 64	50	13,415	511	305	2	18,105	3.5	626	11-67		40	1061	23	
23-13-0001	6614427	1347940	2 13 66	10	16,680	622	305	1	21,980	3.7	805	3-68		36	890	32	
23-13-0003	6597691	1360676	9 24 65	11	17,750	696	305	1	23,180	3.7	849	11-67		28	931	31	
23-13-0003	6556263	1433539	9 24 65	13	16,580	652	305	1	22,990	3.7	845	10-67		26	601	15	
23-13-0003	6554210	1360676	2 21 64	8	17,055	695	305	2	21,685	4.0	862	2-68		34	1003	39	
23-14-0005	6393236	1347940	9 27 65	32	15,130	569	305	1	18,770	3.8	709	11-67		36	814	30	
23-14-0005	6146888	1223243	9 25 64	36	14,455	539	305	2	18,280	3.8	694	9-67		40	681	26	
23-14-0005	6250555	1296729	12 3 64	34	14,450	547	305	1	18,520	4.0	741	9-67		36	618	16	
23-14-0005	6311079	1273756	4 19 65	27	15,590	578	305	1	18,290	4.0	740	12-67		36	606	32	
23-14-0005	6311075	1347940	3 7 65	25	14,940	557	305	1	26,840	3.5	936	12-67		36	1428	48	
23-14-0005	6311076	1347940	3 9 65	40	15,880	590	305	1	20,330	3.7	749	2-68		36	821	30	
23-14-0005	6311077	1347940	3 20 65	43	13,820	516	305	1	15,520	3.8	596	8-67		36	659	25	
23-14-0020	5438972	1347940	5 2 61	10	15,220	556	301	5	17,580	4.0	708	8-67		44	792	37	
23-14-0024	5870944	1397561	7 12 63	17	15,673	586	305	3	19,256	3.5	682	11-67		32	655	20	
23-14-0024	5687280	1397561	12 17 62	9	14,603	554	304	3	18,730	3.8	720	6-67		32	710	29	
23-14-0024	5604292	1397561	6 17 62	19	15,605	593	305	4	22,602	3.2	726	9-67		34	1181	27	
23-14-0026	6497642	1320310	9 26 65	24	14,470	553	299	1	13,150	3.6	475	6-67		35	676	15	
23-14-0026	6497640	1320310	8 26 65	36	16,450	620	305	1	16,270	3.6	582	11-67		35	730	18	
23-14-0026	6261997	1300014	6 11 64	24	15,555	610	305	2	21,200	3.7	792	1-68		40	904	21	
23-14-0026	5964928	1427615	12 1 63	34	16,005	627	305	2	19,800	4.0	783	2-68		40	955	28	
23-14-0027	6061733	1347940	3 31 64	9	9,960	381	290	1	13,430	3.6	489	9-67		36	763	26	
23-14-0032	5918358	1352270	9 27 63	6	15,210	604	305	2	20,500	3.8	770	11-67		29	656	22	
23-14-0032	5468271	1305460	1 22 61	14	15,071	590	304	6	18,983	4.0	753	3-68		44	635	21	
23-14-0047	6158928	1239242	10 1 64	23	15,090	548	299	2	18,890	3.6	672	9-67		40	690	23	
23-14-0066	6522649	1347940	10 24 65	14	14,760	521	300	1	20,780	3.6	753	9-67		36	988	36	
23-14-0066	6522650	1347940	2 24 66	9	15,810	571	305	1	17,910	3.5	626	1-68		36	704	24	
23-14-0066	6036222	1296729	1 4 64	11	16,760	590	301	3	20,920	3.6	749	11-67		42	796	20	
23-14-0066	6252229	1347940	12 20 64	11	16,195	570	298	2	20,060	3.3	670	10-67		40	918	29	
23-14-0066	6252231	1347940	2 23 65	9	15,470	557	294	2	20,375	3.2	661	1-68	G	40	1017	29	
23-14-0073	6173417	1296729	7 6 64	7	12,080	454	305	1	18,250	3.1	570	6-67		36	757	9	
23-14-0107	6541511	1347940	12 7 65	8	13,950	540	305	1	15,600	3.7	577	1-68		36	598	20	
23-14-0107	6541510	1347940	12 5 65	6	14,140	543	305	1	16,100	3.5	563	3-68		36	622	19	
23-14-0130	6533079	1347940	12 16 65	11	14,570	562	305	1	16,790	3.4	579	12-67		36	704	21	
23-14-0130	6141374	1347940	10 23 64	12	14,735	557	302	2	20,510	3.6	738	12-67		40	1097	37	
23-14-0137	6420203	1347940	8 20 65	25	9,840	358	305	1	13,350	3.6	480	7-67		36	765	27	
23-14-0152	6458487	1347940	8 17 65	13	11,000	425	304	1	14,910	4.0	600	9-67		36	803	31	
23-14-0152	6306584	1347940	12 19 64	8	13,420	493	305	2	16,600	3.7	616	3-68		40	764	29	
23-14-0152	6353224	1347940	3 30 65	6	12,965	478	305	2	14,990	3.6	542	4-68		40	642	23	
23-14-0157	5892984	1199324	7 25 63	20	14,146	527	305	3	14,616	3.8	551	10-67		42	595	20	
23-14-0165	6399676	1347940	11 10 65	6	13,350	476	305	1	16,930	3.7	628	12-67		36	737	28	
23-14-0165	6161124	1347940	10 24 64	5	12,690	476	305	2	16,130	3.3	535	12-67		40	840	24	
23-14-0179	6346732	1296729	9 28 64	10	11,960	448	288	2	17,180	3.3	561	9-67		40	804	12	
23-14-0179	6315451	1347940	12 10 64	10	12,020	444	294	2	16,305	3.8	613	1-68		40	862	33	
23-14-0179	6609833	1347940	3 17 66	8	11,970	439	273	1	14,650	3.7	547	2-68		36	660	25	

23-14-0181	5531725	1347940	1 16 62	8	16,417	623	305	4	19,682	4.2	832	5-67	44	910	44
23-14-0181	5531727	1347940	2 3 62	5	16,828	630	305	5	19,186	3.6	684	3-68	44	758	24
23-14-0181	6275973	1296729	7 2 64	15	17,555	676	305	2	21,645	3.3	714	8-67	40	746	7
23-14-0181	5456796	1296729	11 7 61	13	17,217	661	305	4	21,707	3.6	771	3-67	44	875	17
23-14-0185	6291798	1321904	4 18 65	14	15,170	629	305	1	18,960	3.8	715	8-67	32	620	16
23-14-0196	5367252	1199324	3 26 61	9	10,733	397	305	3	14,933	4.1	607	2-67	42	985	40
23-14-0202	5271517	1347940	1 31 61	12	16,398	594	278	5	20,914	3.3	693	10-67	44	1085	31
23-14-0202	6349014	1347940	3 19 65	7	16,380	623	305	1	19,870	3.4	681	4-67	36	812	24
23-14-0202	6097731	1347940	3 20 64	9	16,190	582	297	2	22,320	3.5	774	3-68	40	1092	37
23-14-0202	5971518	1347940	11 6 63	13	16,740	612	303	3	20,403	3.5	708	11-67	42	941	30
23-14-0213	5257246	1347940	2 2 61	15	13,735	512	297	4	17,612	3.9	684	5-67	44	953	38
23-14-0213	6397837	1347940	7 29 65	37	13,000	468	305	1	17,220	3.6	625	10-67	36	841	30
23-14-0213	6397843	1347940	8 17 65	37	13,000	468	305	1	14,220	3.6	514	10-67	36	618	22
23-14-0214	6415977	1347940	7 4 65	13	11,980	451	305	1	14,490	4.1	599	10-67	36	706	30
23-14-0214	6286746	1347940	11 18 64	13	13,845	511	305	2	15,950	3.8	603	1-68	40	660	26
23-14-0215	6431427	1347940	10 15 65	15	14,730	551	296	1	15,760	3.3	524	12-67	36	616	18
23-14-0215	6502489	1347940	1 10 66	15	14,730	551	305	1	19,710	3.6	706	12-67	36	911	31
23-14-0215	6502488	1347940	1 1 66	15	14,730	551	305	1	17,590	3.3	587	12-67	36	753	22
23-14-0226	6286747	1347940	4 6 65	5	10,760	377	305	1	15,000	3.4	508	6-67	36	826	28
23-14-0226	6569513	1417208	11 23 65	13	12,290	440	305	1	15,600	3.7	577	1-68	35	616	25
23-14-0271	6600311	1347940	8 2 65	14	11,770	440	305	1	13,820	3.8	531	8-67	36	670	25
23-14-0273	5843044	1244009	7 10 63	27	16,710	620	305	3	20,276	3.3	679	12-67	42	836	17
23-14-0273	6440238	1347940	11 19 65	21	16,360	630	305	1	21,270	3.6	775	3-68	36	858	29
23-14-0273	5491342	1347940	1 8 62	31	16,580	635	305	1	21,010	4.0	849	2-68	36	824	34
23-14-0273	5883365	1340669	10 20 62	33	16,815	630	233	4	19,792	3.9	775	1-68	44	664	19
23-14-0276	5273964	1347940	1 23 61	5	13,830	508	274	6	15,386	3.8	583	1-68	44	670	27
23-15-0005	6268422	1436081	12 9 64	13	14,975	570	305	2	20,975	4.0	830	1-68	40	629	31
23-15-0014	6177286	1337741	10 11 64	20	15,275	604	305	2	18,040	3.7	671	10-67	40	728	22
23-15-0014	6183109	1320310	10 24 64	20	15,305	607	298	2	17,375	3.5	616	10-67	40	906	20
23-15-0030	6242262	1320310	9 15 64	15	13,590	531	305	1	14,310	3.6	509	6-67	35	823	19
23-15-0076	6139429	1337741	6 19 64	13	14,335	535	305	2	17,510	4.1	720	8-67	40	764	35
23-15-0112	6191552	1320310	7 31 64	8	13,220	497	305	2	12,925	4.6	591	7-67	40	689	29
23-15-0112	6418385	1320310	6 19 65	9	11,960	447	305	1	12,390	3.7	455	8-67	35	789	20
23-15-0122	6166696	1320310	9 4 64	70	13,340	524	305	2	15,275	4.5	688	8-67	40	917	36
23-15-0231	6479233	1320310	6 17 64	29	14,765	544	301	2	13,285	3.8	505	8-67	40	584	16
23-15-0240	6534288	1320310	8 19 64	10	14,830	576	305	2	18,575	3.6	672	11-67	40	1072	29
23-15-0240	6609629	1337741	4 23 65	6	14,510	590	305	1	16,760	3.6	610	8-67	35	636	19
23-15-0295	5753321	1399824	10 15 62	17	16,573	630	305	3	21,906	3.6	786	8-67	41	991	33
23-15-0295	6473616	1399824	10 6 65	25	17,080	653	298	1	20,060	3.9	782	9-67	35	626	27
23-15-0295	6206284	1320310	8 14 64	25	16,910	652	305	2	23,010	3.7	857	9-67	40	1333	41
23-15-0302	6188900	1320310	10 28 64	16	12,880	478	287	2	14,015	3.8	530	12-67	40	786	23
23-15-0304	6413893	1337741	7 28 65	6	12,610	500	305	1	19,490	4.0	770	8-67	35	972	37
23-15-0338	6451868	1320310	10 11 65	20	15,240	573	305	1	17,300	3.6	630	11-67	35	890	24
23-15-0338	6477331	1320310	10 27 65	20	15,240	573	305	1	15,330	3.7	573	11-67	35	742	20
23-15-0338	6176688	1320310	7 19 64	14	15,230	568	303	2	19,305	3.6	686	12-67	40	1110	31

TABLE 5.—HIGH-RANKING PROGENY OF DHIA SIRE: HOLSTEIN—Continued

COW'S LAST HERD CODE	COW'S REGISTRATION NO.	COW'S SIRE REGISTRATION NO.	COW'S BIRTH DATE (Mo.) (Day)	HERDMATES			AVERAGE PRODUCTION OF COW				LAST CALVING		REPEAT- ABILITY (Pct.)	COW INDEX	
				NUM- BER	MILK (Lb.)	FAT (Lb.)	IN MILK (Days)	REC- ORDS	MILK (Lb.)	FAT (Pct.)	(Mo.) (Yr.)	CAR		MILK	FAT
23-15-0338	6361900	1320310	2 22 65	7	13,100	508	281	1	12,580	3.7	6-67	7	35	726	17
23-15-0341	6178897	1239242	11 26 64	29	17,020	646	305	2	22,810	3.4	11-67		40	911	25
23-15-0341	6497008	1239242	1 6 66	11	18,530	672	305	1	22,180	3.5	7-67		36	617	20
23-15-0341	6513819	1239242	11 6 65	15	18,040	664	305	1	25,010	3.2	3-68		36	860	21
23-15-0341	5317992	1010936	2 16 61	19	15,832	596	305	4	20,625	3.8	10-67		44	799	34
23-15-0341	5570530	1010936	3 21 62	21	16,110	614	305	4	22,277	3.6	10-67		44	972	35
23-15-0348	6247383	1337741	10 4 64	10	13,040	512	305	1	15,770	3.8	7-67		35	662	23
23-15-0397	6589606	1239242	2 22 65	13	15,450	558	305	1	19,420	3.2	1-68		36	618	16
23-15-0405	6258323	1337741	12 4 64	29	13,380	512	305	1	18,340	3.9	11-67		35	829	30
23-15-0405	6507808	1337741	4 2 65	16	13,640	516	305	1	16,040	3.3	6-67		35	641	18
23-15-0405	6212714	1337741	12 6 64	29	13,270	516	305	2	16,455	3.7	11-67		40	751	25
23-15-0407	6438376	1337741	11 2 64	30	15,730	629	304	2	17,675	3.9	9-67		40	652	23
23-15-0407	1782826C	276164C	10 3 62	45	15,730	631	305	1	22,370	3.9	9-67		26	802	28
23-15-0407	6902293	275637C	2 2 62	47	16,100	644	305	1	21,850	3.4	10-67		27	741	11
23-15-0407	5888348	1435202	7 28 63	27	16,310	650	305	2	22,240	4.3	12-67		29	821	42
23-15-0408	5111518	1344950	4 17 60	12	14,816	576	296	5	20,476	3.7	11-67		39	1174	37
23-15-0412	6669930	1399824	2 4 65	7	16,330	654	305	1	19,850	3.7	6-67		35	657	22
23-15-0420	6435970	1441440	12 21 65	16	15,570	603	305	1	20,330	3.5	11-67		35	682	22
23-15-0420	6350226	1320310	8 20 64	16	13,995	564	279	2	17,590	3.7	8-67		40	1093	29
23-15-0420	6350227	1320310	8 27 64	14	13,715	548	300	2	18,085	3.7	9-67		40	1169	33
23-15-0420	6328647	1320310	9 8 64	15	15,150	600	303	2	20,515	3.3	11-67		40	1240	28
23-15-0432	6313553	1320310	6 14 64	12	14,735	569	305	2	14,815	3.7	7-67		40	742	18
23-15-0432	6423959	1320310	5 13 65	8	14,750	560	305	1	19,320	3.5	5-67		35	1122	28
23-15-0433	6230998	1239242	12 16 63	23	14,453	534	299	3	17,700	3.5	12-67		42	662	20
23-15-0448	6236560	1320310	10 13 64	10	16,210	613	283	2	17,885	3.3	1-68		40	875	18
23-15-0450	6324909	1320310	12 10 64	16	11,080	400	305	1	13,350	3.6	11-67		35	875	25
23-15-0461	6209227	1320310	8 14 64	11	16,395	614	305	2	17,325	3.7	10-67		40	801	22
23-15-0462	6510987	1441440	12 19 65	18	14,170	532	305	1	18,240	3.5	4-68		35	624	22
23-15-0463	6495573	1399824	8 15 65	42	14,710	548	305	1	20,960	3.2	11-67		35	855	25
23-15-0463	6495576	1399824	11 22 65	33	14,740	547	305	1	17,560	3.6	12-67		35	596	23
23-15-0463	6204701	1320310	12 2 64	42	14,370	538	305	1	18,620	3.4	11-67		35	1049	27
23-15-0463	6204700	1320310	11 17 64	28	13,875	520	299	2	16,320	3.2	1-68		40	930	19
23-15-0463	6204695	1337741	10 10 64	45	14,120	534	305	2	16,440	3.5	11-67		40	671	20
23-15-0463	6143699	1320310	8 26 64	42	13,710	525	305	2	16,875	3.5	9-67		40	1001	24
23-15-0463	6143698	1320310	7 31 64	16	13,425	513	305	2	16,620	3.6	7-67		40	1046	27
23-15-0463	6123667	1320310	8 24 64	33	14,005	528	303	2	18,340	3.6	12-67		40	1124	33
23-15-0470	6368737	1447586	4 15 65	32	13,760	512	305	1	20,670	3.5	7-67		22	721	23
23-15-0470	5668575	1350190	9 12 62	25	14,230	550	294	3	17,956	3.7	11-67		42	627	15
23-15-0470	6055470	1350190	1 5 64	29	14,060	530	305	2	19,330	3.2	8-67		40	738	11
23-15-0492	6271864	1320310	12 2 64	11	15,190	612	305	2	16,735	3.8	11-67		40	851	21
23-15-0507	6497845	1399824	11 28 65	6	17,150	690	305	1	20,700	3.7	1-68		35	669	24
23-15-0507	6497846	1399824	12 1 65	13	17,630	693	305	1	20,620	3.9	11-67		35	631	26
23-15-0515	6269851	1320310	8 22 64	16	15,650	573	305	2	19,505	3.3	8-67		40	1136	27
23-15-0515	6269855	1337741	10 22 64	23	15,745	573	305	2	17,990	3.5	9-67		40	680	21
23-15-0515	6292786	1320310	9 28 64	13	15,310	560	305	2	20,615	3.4	8-67		40	1281	33

23-15-0517	6581597	1320310	6 29 65	11	13,790	506	305	1	16,360	4.0	649	9-67	35	964	31
23-15-0517	6581596	1320310	6 2 65	26	14,140	521	305	1	15,550	4.0	618	6-67	35	879	27
23-15-0517	5812176	1222994	9 11 62	20	13,483	529	295	3	16,233	3.8	622	12-66	42	647	23
23-15-0517	6235831	1320310	10 26 64	22	13,765	513	305	2	16,680	3.4	563	8-67	40	1021	24
23-15-0517	6235830	1320310	8 9 64	26	14,260	531	260	2	13,930	3.5	481	7-67	40	696	15
23-15-0519	6147260	1320310	8 25 64	9	15,440	594	286	1	15,830	4.2	671	11-67	35	766	26
23-15-0536	6057648	1271019	3 11 64	8	14,975	557	304	2	19,765	3.9	768	10-67	40	641	25
23-15-0570	6385107	1337741	8 8 65	16	17,550	640	305	1	24,650	3.2	796	10-67	35	1023	28
23-15-0577	6133372	1320310	9 6 64	13	15,415	593	290	2	16,005	4.3	684	11-67	40	756	29
23-15-0577	6155991	1320310	11 2 64	10	15,435	586	305	2	18,260	3.8	688	1-68	40	984	30
23-15-0577	6155990	1320310	10 23 64	6	14,110	529	302	1	14,500	3.3	476	8-67	35	802	17
23-15-0577	6418621	1320310	8 15 65	14	15,240	584	305	1	15,890	3.7	592	11-67	35	784	21
23-15-0577	6418620	1320310	8 8 65	14	15,050	575	305	1	14,340	4.0	574	10-67	35	680	20
23-15-0579	6434814	1441440	6 10 65	102	15,620	526	305	1	19,660	3.6	711	10-67	35	627	27
23-15-0579	6512646	1320310	1 12 65	43	16,005	538	278	2	15,975	3.5	552	2-68	40	699	20
23-15-0579	6203296	1320310	10 2 64	30	15,320	523	300	2	19,760	3.4	668	3-68	40	1148	33
23-15-0579	6203290	1320310	9 10 64	29	15,655	531	305	2	17,405	3.7	649	3-68	40	877	31
23-15-0579	6203301	1320310	10 29 64	27	15,220	519	305	2	18,445	3.1	578	4-68	40	1023	25
23-15-0579	6203294	1320310	10 2 64	43	16,005	538	279	2	16,505	3.8	625	2-68	40	753	28
23-15-0579	6203302	1320310	11 10 64	26	15,555	527	301	2	18,355	3.1	572	4-68	40	983	23
23-15-0579	6203299	1320310	10 19 64	94	15,210	523	305	1	17,430	3.2	561	9-67	35	902	22
23-15-0579	6203300	1320310	10 23 64	59	16,160	541	303	2	20,890	3.2	665	12-67	40	1186	31
23-15-0579	6203304	1320310	11 16 64	35	15,780	534	305	2	19,290	3.2	622	3-68	40	1058	28
23-15-0579	6360402	1320310	1 27 65	43	16,005	538	289	2	15,460	3.9	598	2-68	40	647	25
23-15-0579	6360401	1320310	12 29 64	29	15,655	531	305	2	15,865	3.3	531	3-68	40	720	19
23-15-0579	6596069	1320310	7 15 65	94	15,210	523	305	1	15,400	3.5	539	9-67	35	749	21
23-15-0579	6596068	1320310	7 15 65	52	14,660	508	305	1	14,290	3.5	499	8-67	35	749	20
23-15-0579	6596065	1320310	6 28 65	52	14,660	508	305	1	14,400	3.6	524	8-67	35	758	21
23-15-0579	6596075	1320310	9 5 65	52	14,660	508	305	1	19,070	3.0	567	8-67	35	1110	24
23-15-0579	6612895	1320310	7 28 65	52	14,660	508	305	1	14,870	3.1	456	8-67	35	792	17
23-15-0579	6596070	1320310	8 8 65	52	14,660	508	305	1	16,050	3.3	532	8-67	35	882	22
23-15-0579	6596067	1320310	7 15 65	52	14,660	508	305	1	18,630	3.3	615	8-67	35	1076	28
23-15-0579	6596083	1320310	9 29 65	52	14,660	508	305	1	15,860	3.3	526	8-67	35	867	21
23-15-0579	6596078	1320310	9 14 65	52	14,660	508	305	1	16,700	3.6	594	8-67	35	931	26
23-15-0579	6596071	1320310	8 27 65	85	14,990	517	305	1	16,000	3.4	552	8-67	35	816	22
23-15-0579	6596079	1320310	9 21 65	52	14,660	508	304	1	17,080	3.2	552	8-67	35	959	23
23-15-0579	6596072	1320310	9 1 65	52	14,660	508	305	1	12,520	3.8	481	8-67	35	616	18
23-15-0579	6596066	1320310	7 7 65	85	14,990	517	305	1	13,760	3.5	485	8-67	35	641	18
23-15-0579	6567106	1320310	1 18 65	35	15,780	534	305	2	18,260	3.3	597	3-68	40	953	25
23-15-0579	5520166	1199324	9 29 61	50	15,482	525	297	5	16,920	3.2	547	12-67	44	726	20
23-15-0580	5471274	1328843	11 5 61	7	12,646	487	295	3	17,083	3.6	614	9-67	34	622	17
23-15-0581	6561571	1320310	7 23 64	21	15,165	540	305	2	15,110	3.4	508	7-67	40	733	17
23-15-0581	6872929	1119686	10 21 65	33	14,550	571	305	1	23,090	3.7	849	11-67	36	638	29
23-15-0589	6395405	1386406	9 3 65	20	15,510	554	305	1	20,490	3.2	664	9-67	35	768	24
23-15-0589	6308218	1347940	11 13 64	19	15,440	552	305	1	16,240	3.5	562	8-67	36	604	20

TABLE 5.—HIGH-RANKING PROGENY OF DHIA SIRE: HOLSTEIN—Continued

COW'S LAST HERD CODE	COW'S REGISTRATION NO.	COW'S SIRE REGISTRATION NO.	COW'S BIRTH DATE (Mo.) (Day) (Yr.)	HERDMATES			AVERAGE PRODUCTION OF COW					LAST CALVING		REPEAT- ABILITY ($r_{r,l}$)	COW INDEX	
				NUM- BER	MILK (Lb.)	FAT (Lb.)	IN MILK (Days)	REC- ORDS	MILK (Lb.)	FAT (Pct.)	FAT (Lb.)	(Mo.) (Yr.)	CAR		MILK	FAT
23-15-0589	6308220	1347940	1 17 65	19	15,440	552	305	1	17,830	3.4	600	8-67		36	723	23
23-15-0593	6534415	1320310	11 5 65	20	13,790	556	305	1	17,080	3.8	651	8-67		35	1018	28
23-15-0622	6560454	1347940	1 19 66	25	16,060	622	305	1	18,260	3.8	694	11-67		36	713	25
23-15-0622	6509202	1320310	9 23 65	29	15,200	582	305	1	16,580	4.8	794	10-67		35	839	36
23-15-0622	6347395	1282936	3 20 65	14	13,620	532	305	1	17,050	3.6	615	7-67		31	615	21
23-15-0628	6365796	1350190	6 15 65	72	11,750	417	305	1	18,790	3.3	613	9-67		36	723	16
23-15-0628	6500189	1347940	10 15 65	105	13,380	486	305	1	20,320	3.5	721	1-68		36	987	35
23-15-0628	6488694	1309574	11 14 65	85	12,150	433	305	1	16,650	3.2	529	10-67		34	614	22
23-15-0628	6500188	1347940	10 3 65	85	12,420	440	271	1	13,300	3.7	486	11-67		36	588	22
23-15-0628	6420024	1309574	9 25 65	79	12,280	436	305	1	16,910	3.5	596	12-67		34	625	27
23-15-0628	6227061	1432217	9 13 64	85	13,410	509	305	2	16,860	3.7	626	2-68		29	620	23
23-15-0628	6155816	1386406	7 3 64	99	12,845	484	305	2	15,730	3.4	531	12-67		40	640	19
23-15-0628	6156203	1358005	6 2 64	50	13,980	511	286	2	16,875	3.2	539	1-68		39	748	4
23-15-0628	5999434	1390131	9 19 63	59	15,300	569	305	3	18,983	3.7	695	12-67		39	785	32
23-15-0628	5913037	1363511	10 28 63	84	14,383	534	305	3	19,176	3.4	649	12-67		36	689	16
23-15-0630	6802889	1441440	9 1 65	10	13,540	508	305	1	20,030	3.8	770	12-67		35	799	33
23-15-0630	6593025	1320310	8 28 64	9	14,815	549	299	2	16,975	3.4	572	2-68		40	910	21
23-15-0633	6156667	1320310	8 30 64	14	15,870	610	305	2	17,395	3.6	620	10-67		40	856	20
23-15-0633	5238307	1320310	11 9 60	12	16,660	611	305	6	17,860	4.3	764	2-68		44	825	38
23-15-0633	6376956	1436081	10 8 65	15	16,200	623	305	1	24,010	3.3	804	11-67		35	646	19
23-15-0634	6184965	1320310	11 15 64	12	18,555	667	305	2	19,025	3.4	654	1-68		40	776	19
23-15-0634	6184964	1320310	11 7 64	9	18,065	660	287	2	19,950	3.6	719	2-68		40	915	26
23-15-0634	5968467	1259069	11 14 63	9	17,550	618	305	3	21,716	3.5	756	12-67		42	729	21
23-15-0636	6212720	1320310	8 24 64	9	16,065	634	294	2	15,035	3.8	576	7-67		40	643	15
23-15-0636	6359192	1320310	8 30 65	6	15,450	629	305	1	15,380	3.4	528	8-67		35	777	14
23-15-0636	6563497	1399824	2 12 66	9	16,770	650	305	1	19,540	3.6	710	12-67		35	608	22
23-15-0636	6563498	1309574	2 26 66	9	16,560	643	305	1	21,620	3.6	779	12-67		34	691	26
23-15-0638	5427412	1340669	7 4 61	59	14,277	537	305	4	21,710	3.7	795	7-67		44	1183	32
23-15-0638	6399792	1445278	9 6 65	79	12,620	463	305	1	15,750	3.7	577	10-67		30	805	21
23-15-0638	6429254	1458744	10 20 65	40	15,060	555	287	1	22,410	3.4	769	2-68		26	1073	33
23-15-0638	6451229	1458744	12 16 65	40	15,060	555	305	1	19,130	3.3	640	2-68		26	789	22
23-15-0638	6451228	1458744	12 2 65	40	15,060	555	305	1	19,650	3.8	739	2-68		26	834	30
23-16-0017	6318288	1441440	4 12 65	19	14,280	533	305	1	20,950	3.6	754	8-67		34	790	30
23-16-0017	5869496	1119686	7 7 63	25	15,546	591	276	3	21,740	3.6	780	12-67	G	42	729	29
23-16-0045	6432336	1441440	4 28 65	9	14,590	536	305	1	20,330	3.3	678	12-67		35	749	24
23-16-0074	6477149	1309574	12 9 65	15	11,830	447	305	1	17,580	3.5	613	11-67	B	34	708	27
23-17-6003	5388423	1306477	9 20 60	14	17,620	647	229	3	22,396	4.0	890	9-67		42	676	27
23-17-6003	6243175	1329588	1 15 65	18	13,350	479	305	1	18,480	4.1	761	1-68		36	644	28
23-17-6003	6022767	1380945	12 13 63	16	15,080	537	305	2	23,125	3.3	759	1-68		40	634	19
23-17-0023	6105618	1427615	11 18 63	8	13,950	531	305	3	16,940	3.6	610	2-68		42	878	20
23-17-0030	6133005	1347940	8 26 64	9	14,390	507	305	2	20,935	3.1	659	3-68		40	1116	32
23-17-0030	6254471	1347940	12 21 64	10	13,350	479	305	1	14,150	3.4	487	10-67		36	589	19
23-17-0065	5464827	1199324	10 5 61	8	14,912	570	301	4	17,700	3.7	649	7-67		44	883	27
23-17-0070	1169494C	205597C	11 22 54	5	11,175	424	303	2	15,890	3.8	597	10-67		39	636	27
23-18-0015	6759518	1347940	1 19 66	9	13,730	509	305	1	15,190	3.7	566	3-68		36	582	22

23-18-0017	6630696	1347940	4 28 66	14	14,790	528	301	1	17,990	3.1	555	3-68	36	719	20
23-18-0017	5796888	1347940	3 19 63	14	14,692	522	297	4	18,977	3.4	650	4-68	44	960	31
23-18-0017	5625421	1347940	2 21 62	17	14,456	520	287	5	17,388	3.7	642	12-67	44	856	33
23-18-0017	5475382	1347940	4 23 61	13	14,402	511	297	5	17,838	3.7	657	2-68	44	865	34
23-18-0017	6446878	1296729	6 3 65	10	14,420	511	305	1	20,440	3.4	700	5-67	36	763	15
23-18-0017	6446880	1347940	10 26 65	9	14,290	530	305	1	21,810	3.4	737	1-68	36	1096	35
23-18-0017	6012268	1347940	10 24 63	17	14,540	527	305	3	16,610	3.5	579	3-68	42	676	22
23-18-0017	6066286	1347940	6 23 63	9	14,760	515	305	3	18,036	3.5	624	9-67	42	874	30
23-18-0018	6260522	1199324	10 28 63	47	14,760	578	305	3	18,086	3.5	629	10-67	42	930	24
23-18-0022	5853459	1347940	2 28 63	8	14,396	534	305	3	15,740	3.7	579	7-67	42	647	23
23-18-0030	6242635	1347940	12 8 64	18	14,080	502	305	1	15,770	3.6	571	12-67	36	661	24
23-18-0048	6393003	1347940	9 11 65	12	12,750	450	305	1	14,640	3.7	539	10-67	36	666	25
23-18-0048	5219714	1347940	12 30 60	7	12,976	468	300	5	17,174	3.2	556	7-67	44	1000	28
23-18-0048	6496154	1347940	12 17 65	8	13,190	473	302	1	15,470	3.4	528	12-67	36	698	23
23-18-0054	5915052	1296729	10 15 63	18	14,683	547	305	3	18,523	3.4	631	11-67	42	736	11
23-18-0060	5717522	1347940	11 7 62	15	16,910	598	305	4	23,020	3.4	781	3-68	44	1213	39
23-18-0060	5697223	1347940	10 27 62	7	17,315	615	296	2	20,265	3.6	721	2-68	40	780	28
23-18-0064	6358827	1347940	9 1 65	12	12,420	449	305	1	15,540	3.1	480	10-67	36	755	21
23-18-0074	6324545	1347940	4 17 65	5	14,380	554	305	1	15,070	3.8	579	5-67	36	588	21
23-18-0075	6282244	1347940	4 1 65	14	14,210	529	305	2	18,155	3.4	621	4-68	40	850	26
23-18-0075	5833189	1347940	2 19 66	12	15,733	576	304	3	17,666	3.5	612	5-67	42	730	23
23-18-0075	6564606	1347940	1 14 63	13	13,890	518	305	1	17,150	3.6	624	12-67	36	776	27
23-18-0075	6564605	1347940	12 18 65	20	13,770	513	278	1	14,440	3.6	513	11-67	36	582	19
23-18-0075	6099326	1296729	4 11 64	13	14,435	542	303	2	18,120	3.8	680	10-67	40	673	15
23-18-0083	6201689	1347940	12 12 64	6	11,220	418	305	1	13,430	3.4	460	11-67	36	619	20
23-18-0100	6196221	1347940	1 4 65	18	15,430	569	305	1	20,640	3.4	704	5-67	36	933	29
23-18-0100	6220339	1296729	1 22 65	21	15,360	564	305	1	20,360	3.6	743	5-67	36	694	15
23-18-0100	6256364	1347940	11 20 64	18	15,430	569	305	1	21,810	3.4	745	5-67	36	1020	33
23-19-0090	6543979	1338728	7 3 65	14	14,420	559	305	1	22,570	3.7	845	4-68	32	621	31
23-19-0090	4496370	1288778	8 24 57	26	14,438	580	300	6	18,071	3.9	705	1-68	35	628	22
23-19-0103	6390006	1347940	9 5 65	22	16,800	679	305	1	23,070	4.1	945	8-67	36	1022	40
23-19-0103	6091100	1419839	3 18 64	15	17,825	702	303	2	22,345	3.8	839	8-67	38	590	16
23-20-0101	5948651	1298191	12 27 63	17	11,650	441	305	2	16,395	3.8	619	8-67	30	586	23
23-20-0109	5928586	1300014	9 4 63	21	14,033	533	305	3	19,320	3.5	671	9-67	42	913	18
23-20-0109	6103829	1415405	5 9 64	25	14,800	557	302	2	18,130	3.7	671	10-67	40	629	19
23-20-0109	6103827	1300014	3 24 64	18	13,785	520	305	2	18,725	3.6	673	9-67	40	814	18
23-20-0120	6333486	1427615	1 16 65	19	15,710	563	305	1	18,650	3.5	651	6-67	35	861	19
23-20-0122	5604501	1259069	11 18 61	9	13,325	482	305	4	17,215	3.4	591	1-68	44	676	17
23-20-0130	5531966	1350190	3 17 66	33	15,030	531	305	1	21,180	3.7	792	1-68	36	681	21
23-20-0130	5014345	1304894	12 12 59	15	14,725	526	303	6	18,563	3.6	669	3-68	36	673	25
23-20-0130	5123711	1304894	6 12 60	17	14,204	517	305	5	17,862	3.7	652	2-68	36	638	24
23-20-0131	6021998	1304894	8 28 63	7	13,740	495	295	2	18,195	3.4	623	2-68	31	624	19
23-20-0133	5034621	1427615	1 9 64	25	13,815	514	294	2	17,175	3.4	576	9-67	40	860	18
23-20-0140	6025559	1427615	11 21 63	15	12,220	463	303	2	15,110	3.2	487	5-67	40	866	13
23-20-0146	5952463	1348456	11 18 63	44	14,825	527	305	2	20,900	3.4	705	1-68	30	654	23

TABLE 5.—HIGH-RANKING PROGENY OF DHIA SIRES: HOLSTEIN—Continued

COW'S LAST HERD CODE	COW'S REGISTRATION NO.	COW'S SIRE REGISTRATION NO.	COW'S BIRTH DATE (Mo.) (Day) (Yr.)	HERDMATES			AVERAGE PRODUCTION OF COW				LAST CALVING		REPEAT- ABILITY (Pct.)	COW INDEX	
				NUM- BER	MILK (Lb.)	FAT (Lb.)	IN MILK (Days)	REC- ORDS	MILK (Lb.)	FAT (Pct.)	(Mo.) (Yr.)	CAR		MILK	FAT
23-20-0146	5952474	1300014	10 5 63	56	14,140	516	290	3	18,206	3.6	12-67		42	774	19
23-20-0157	5272561	1199324	1 2 61	33	12,072	445	305	4	14,895	3.9	7-67		44	852	32
23-20-0163	5265757	1199324	12 23 60	12	12,764	500	298	5	13,856	4.0	6-67		44	646	23
23-20-0163	5399768	1199324	7 11 61	11	13,567	519	305	4	20,495	3.4	8-67		44	1378	39
23-20-0211	6098368	1300014	9 18 63	7	14,050	545	305	3	19,823	3.5	11-67		42	969	20
23-20-0254	6002441	1427615	7 22 63	12	12,160	461	305	1	14,410	3.5	4-67		35	782	15
23-20-0264	6276405	1427615	8 4 63	9	12,953	498	296	3	15,976	3.3	12-67		42	911	15
23-20-0265	6057091	1427615	10 20 63	10	13,620	495	292	2	16,620	3.5	5-67		40	891	20
23-20-0277	6258634	1300014	9 26 64	7	15,870	626	305	1	22,400	3.5	11-67		36	835	15
23-20-0279	5279540	1010936	2 6 61	18	14,810	575	305	5	18,728	3.6	9-67		44	698	24
23-20-0279	5711923	1222994	12 20 62	19	15,023	569	305	3	20,196	3.5	12-66		42	944	29
23-20-0281	5680082	1222994	11 1 62	10	14,720	561	305	3	21,003	3.6	6-67		42	1068	34
23-20-0281	6022578	1427615	11 8 63	5	12,540	471	305	2	14,210	3.4	2-67		40	744	13
23-20-0321	6063134	1415405	2 27 64	9	15,665	548	305	2	20,795	3.4	1-68		40	791	23
23-20-0322	5998498	1427615	11 2 63	14	15,355	578	294	2	17,795	3.4	8-67		40	852	15
23-21-0005	5809537	1399346	1 3 63	47	15,290	595	268	4	19,097	3.7	3-68	6	33	736	22
23-21-0005	6465842	1399824	9 26 65	114	13,850	551	305	1	20,540	3.8	12-67		35	882	34
23-21-0005	6465840	1399824	9 22 65	142	13,620	545	305	1	20,700	3.7	11-67		35	909	32
23-21-0005	6465845	1399824	10 9 65	142	13,470	542	305	1	20,210	4.0	10-67		35	883	37
23-21-0005	6465844	1399824	10 1 65	114	13,850	551	305	1	16,950	3.8	12-67		35	611	24
23-21-0005	6089871	1399346	1 11 64	117	14,685	577	305	2	19,475	4.0	11-67		29	763	30
23-21-0005	6089874	1399346	2 12 64	104	14,185	563	305	2	17,520	3.8	10-67		29	581	20
23-21-0005	6153443	1320310	7 27 64	124	14,425	569	305	2	18,905	3.8	9-67		40	1143	34
23-21-0026	6108813	1320310	6 1 64	15	13,335	499	305	2	18,605	3.4	7-67		33	1257	33
23-21-0026	6090147	1320310	6 9 64	16	13,410	506	305	2	18,175	3.5	6-67		40	1206	33
23-21-0027	6117959	1320310	6 3 64	11	12,265	530	277	2	13,855	4.1	6-67		40	871	23
23-21-0027	6263774	1320310	3 9 65	11	11,980	515	305	1	11,340	4.3	6-67		35	662	18
23-21-0027	6307373	1399824	12 17 64	7	14,105	568	304	2	17,650	4.4	12-67		40	719	36
23-21-0036	6355147	1406271	6 13 65	11	14,540	544	305	1	15,500	3.6	9-67		35	586	24
23-21-0045	5983615	1259069	12 12 62	31	15,826	593	296	3	22,196	3.5	11-67		42	963	25
23-21-0045	6023325	1321904	10 14 63	39	15,563	581	301	3	17,886	4.0	11-67		41	582	26
23-21-0045	5899155	1259069	9 4 63	39	15,373	574	305	3	18,750	3.9	8-67		42	613	22
23-21-0057	5830345	1222994	5 14 63	17	16,975	656	299	2	19,790	4.0	11-66		40	664	28
23-21-0060	6365684	1273756	5 19 65	20	16,620	620	305	1	20,700	3.9	12-67		36	716	34
23-21-0062	6146808	1320310	6 14 64	10	12,255	453	305	2	11,470	3.9	11-67		40	584	18
23-21-0077	6613645	1239242	3 23 65	11	12,140	456	305	1	16,350	3.5	10-67		36	611	18
23-21-0084	6618654	1320310	3 7 65	28	14,240	538	305	1	16,590	4.1	12-67		35	905	30
23-21-0085	6270379	1337741	10 31 64	21	14,345	542	305	2	17,190	3.1	11-67		40	727	15
23-21-0085	6538376	1320310	2 26 66	26	15,270	558	305	1	15,530	3.2	12-67		35	755	15
23-21-0086	6189756	1441733	10 25 64	10	14,260	558	303	2	20,795	3.6	11-67		29	739	26
23-21-0089	6335671	1417208	3 10 65	41	14,240	550	305	1	18,050	4.1	8-67		35	638	31
23-21-0091	6097123	1259069	12 24 63	9	16,436	615	304	3	22,750	3.3	1-68		42	963	21
23-21-0091	5910898	1259069	8 2 63	15	16,606	596	305	3	19,986	3.5	11-67		42	628	17
23-21-0096	6621271	1303198	7 31 65	16	16,030	565	305	1	20,250	3.3	8-67		36	588	17
23-21-0103	6648536	1320310	5 12 65	10	13,720	545	305	1	15,670	3.9	11-67		35	871	24

23-21-0103	6175452	1320310	6 26 64	14	12,950	516	299	2	14,610	3.7	542	9-67	40	860	21
23-21-0103	6564021	1320310	10 7 65	10	13,720	545	305	1	15,990	3.6	581	11-67	35	895	22
23-21-0105	6185041	1303198	9 24 64	10	13,115	464	305	2	17,600	3.6	626	9-67	40	691	25
23-21-0105	6080792	1239242	3 8 64	18	14,503	510	298	3	17,733	3.3	583	2-68	42	660	18
23-21-0106	5724192	1399824	1 5 63	6	14,963	582	288	3	17,590	3.8	662	5-67	41	655	24
23-21-0108	6411738	1320310	6 16 65	12	13,230	545	305	1	16,070	3.4	552	12-67	35	934	20
23-21-0142	5575396	1372876	4 30 62	11	13,840	528	303	4	17,622	3.4	602	8-67	35	827	20
23-21-0142	6226516	1399824	2 27 63	17	14,410	537	305	3	16,860	3.8	641	12-67	42	636	27
23-21-0162	6358067	1320310	6 26 65	7	13,170	559	305	1	17,560	3.9	677	7-67	35	1097	29
23-21-0184	5616655	1199324	6 16 62	15	12,473	448	293	3	14,996	3.6	545	6-67	42	812	28
23-21-0184	5784032	1199324	4 1 63	15	11,960	442	284	3	12,603	3.5	436	3-67	42	590	16
23-21-0194	5699190	1222994	7 3 62	10	13,816	517	296	3	16,926	3.3	558	11-66	42	693	17
23-21-0246	6604876	1399824	1 14 66	12	13,060	513	305	1	16,280	4.1	661	11-67	35	614	27
23-21-0246	6225565	1320310	10 16 64	11	13,655	507	305	2	14,060	3.8	539	9-67	40	764	22
23-21-0246	6184348	1320310	9 28 64	13	13,540	509	296	2	19,355	3.8	736	8-67	40	1315	42
23-21-0246	6128475	1337741	7 1 64	12	14,055	537	221	2	17,600	3.4	596	2-68	40	750	20
23-21-0257	6165352	1320310	10 5 64	14	13,025	513	305	2	14,415	3.7	532	7-67	40	858	21
23-21-0277	6162516	1337741	8 13 64	31	16,230	611	305	2	22,715	3.5	785	8-67	35	1121	35
23-21-0277	6108470	1243106	12 14 63	16	16,295	621	305	2	22,655	4.1	925	12-67	40	678	35
23-21-0277	5244397	1365420	11 4 60	27	15,700	590	305	5	19,986	3.7	741	9-67	35	802	31
23-21-0290	159356	1320310	8 14 64	16	13,650	536	283	1	11,210	4.5	506	10-66	35	585	18
23-21-0290	6157427	1320310	9 30 64	13	13,090	513	295	2	15,925	3.8	599	8-67	40	1006	28
23-21-0297	6363634	1320310	6 28 65	6	11,480	418	305	1	9,930	3.8	375	7-67	35	636	17
23-21-0304	6375122	1336050	7 25 65	106	15,120	578	305	1	23,620	3.5	820	11-67	28	967	29
23-21-0304	6312895	1336050	3 10 65	55	13,400	533	305	1	18,220	3.6	656	8-67	26	620	17
23-21-0304	6286192	1336050	9 19 64	118	15,215	587	305	2	17,975	3.6	647	11-67	37	625	20
23-21-0304	6138986	1336050	7 23 64	100	14,910	583	305	2	20,115	3.7	737	2-68	37	883	30
23-21-0304	6138985	1336050	7 22 64	117	14,650	570	305	2	18,490	3.3	605	11-67	37	734	17
23-21-0304	6138987	1336050	8 3 64	72	13,545	544	179	2	18,730	3.5	662	8-67	31	795	20
23-21-0304	6230467	1366229	5 24 62	94	15,577	593	299	4	19,742	4.3	856	1-68	41	707	46
23-21-0304	5432672	1372876	10 14 61	127	14,610	561	302	5	19,808	3.9	763	11-67	36	1068	39
23-21-0304	5432674	1372876	10 22 61	119	14,875	573	305	2	22,045	3.4	741	12-67	30	1168	30
23-21-0304	5476349	1366229	8 21 61	103	15,312	589	305	4	19,145	3.7	704	12-67	41	661	27
23-21-0304	5647376	1372876	9 17 62	125	15,150	579	305	4	21,240	4.2	724	11-67	35	603	31
23-21-0304	5647374	1065220	8 28 62	91	15,700	603	302	4	21,922	3.3	733	2-68	44	906	20
23-21-0309	6304476	1320310	3 9 65	9	14,460	584	305	1	17,950	3.7	671	11-67	35	993	26
23-21-0321	6263701	1320310	1 2 65	18	16,765	601	302	2	17,835	3.7	656	10-67	40	819	25
23-21-0321	6172947	1320310	11 15 64	15	15,945	572	299	2	18,840	3.6	681	12-67	40	997	30
23-21-0345	6252243	1320310	12 5 64	8	16,280	628	305	1	20,060	3.6	732	6-67	35	1074	29
23-21-0349	6441566	1347940	10 14 65	24	14,960	529	305	1	16,780	3.7	624	10-67	36	677	26
23-21-0357	6478533	1320310	12 12 64	9	16,615	628	305	2	18,035	3.9	696	2-68	40	853	27
23-21-0362	6309790	1239242	3 8 65	11	15,900	578	296	2	19,095	3.4	649	1-68	40	637	18
23-21-0363	6244877	1397984	9 21 63	10	15,333	527	305	3	22,140	3.3	726	4-68	34	1047	38
23-21-0365	6219989	1320310	8 26 64	18	14,370	480	179	2	18,320	3.0	555	7-67	40	1133	26
23-21-0365	5716638	1399824	11 10 62	9	15,040	501	186	2	19,760	3.4	678	6-67	39	849	32

TABLE 5.—HIGH-RANKING PROGENY OF DHIA Sires: HOLSTEIN—Continued

COW'S LAST HERD CODE	COW'S REGISTRATION NO.	COW'S SIRE REGISTRATION NO.	COW'S BIRTH DATE (Mo.) (Day) (Yr.)	HERDMATES			AVERAGE PRODUCTION OF COW				LAST CALVING		REPEAT- ABILITY (P_{CL})		COW INDEX	
				NUM- BER	MILK (Lb.)	FAT (Lb.)	IN MILK (Days)	REC- ORDS	MILK (Lb.)	FAT (Pct.)	(Mo.) (Yr.)	CAR			MILK	FAT
23-21-0367	6181792	1239242	9 14 64	6	14,175	520	305	2	17,550	3.5	7-67		40		637	19
23-21-0369	6119088	1320310	8 27 64	15	14,785	547	305	2	15,780	3.8	9-67		40		791	24
23-21-0369	5363735	1347940	2 26 61	10	15,315	547	305	4	19,580	3.5	6-67		44		1020	35
23-21-0373	6160532	1320310	7 17 64	7	14,320	562	305	2	20,690	3.6	12-67		40		1334	37
23-21-0377	6577730	1347940	9 10 65	36	17,000	620	305	1	18,920	3.5	11-67		36		699	24
23-21-0377	6692023	1400258	8 21 62	16	17,300	610	305	2	20,345	4.1	2-68		31		627	36
23-21-0377	6692039	1400258	8 14 63	30	16,810	605	305	1	22,300	3.8	10-67		26		750	32
23-21-0377	6759677	1239242	1 5 66	18	16,960	610	305	1	21,960	3.6	2-68		36		706	24
23-21-0377	6692043	1400258	9 27 62	16	17,880	632	305	2	22,255	3.5	1-68		31		790	28
23-21-0377	5815858	1400258	8 23 62	30	16,450	605	305	2	19,760	3.3	11-67		31		648	15
23-22-0003	6591673	1320310	3 7 66	24	17,380	646	292	1	17,680	3.7	4-68		35		774	21
23-22-0003	6165894	1320310	8 2 64	50	18,175	662	305	2	23,720	3.2	11-67		40		1290	31
23-22-0003	6165896	1320310	9 1 64	46	18,265	662	300	2	22,875	3.3	12-67		40		1195	28
23-22-0003	6165897	1320310	9 15 64	31	17,340	630	305	2	19,980	3.4	3-68		40		985	25
23-22-0003	6557299	1320310	2 5 66	24	17,380	646	305	1	20,280	3.5	4-68		35		970	25
23-22-0003	6307705	1320310	12 24 64	39	17,955	646	292	2	17,670	3.8	1-68		40		693	22
23-22-0003	6293064	1320310	8 10 64	46	18,215	663	294	2	18,450	3.6	11-67		40		748	20
23-22-0016	6498013	1397209	10 27 65	22	14,720	549	297	1	17,620	3.3	12-67		35		719	18
23-22-0016	5432191	1199324	11 20 61	17	14,810	564	272	3	15,716	3.7	5-67	4	42		653	19
23-22-0016	5494101	1199324	1 29 62	30	14,155	552	305	4	15,757	3.8	9-67		44		727	23
23-22-0016	5770720	1324354	1 4 63	29	14,233	546	291	3	19,276	3.8	7-67		42		638	26
23-22-0016	5770715	1199324	10 31 62	29	14,293	552	297	3	16,613	3.6	7-67		42		809	23
23-22-0019	6427606	1347940	8 17 65	24	15,130	525	305	1	18,700	3.8	10-67		36		808	34
23-22-0020	5737180	1378324	12 31 62	13	16,025	593	300	4	18,620	3.5	12-67		34		667	20
23-22-0020	5669627	1378324	8 10 62	19	15,633	574	305	3	21,590	3.5	12-67		32		1094	37
23-22-0020	6149077	1378324	10 17 64	35	16,100	610	305	1	19,040	3.6	9-67		24		584	21
23-22-0020	6210936	1337741	9 14 64	16	15,230	612	294	2	18,260	3.9	10-67		40		755	25
23-22-0064	5636745	1347940	6 23 62	9	13,410	499	292	2	15,750	3.5	10-67		40		735	24
23-22-0074	5913244	1288610	8 22 63	17	14,836	565	304	3	18,960	3.9	9-67		42		662	21
23-22-0096	6030249	1261857	12 28 63	13	15,415	544	305	2	18,890	4.5	10-67		38		683	49
23-22-0103	6214148	1320310	8 19 64	12	14,795	506	305	2	18,390	3.0	8-67		40		1101	23
23-22-0103	5304851	1199324	10 15 60	12	16,350	557	303	5	22,236	3.3	2-67		44		1311	39
23-22-0107	6596004	1320310	8 10 65	19	13,200	496	305	1	14,190	3.6	9-67		35		794	20
23-22-0109	5095051	1119235	5 11 59	11	13,940	509	260	5	18,276	3.3	7-67		39		616	15
23-22-0114	5964219	1378324	8 28 62	16	14,780	522	299	4	20,172	3.3	11-67		34		1053	31
23-22-0114	5964208	1399425	10 7 63	16	15,440	549	304	3	19,590	3.8	11-67		32		598	29
23-22-0115	6779412	1337741	4 30 65	5	14,820	511	304	1	17,890	3.2	12-67		35		698	20
23-24-0001	6045175	1347940	2 18 64	12	13,385	506	305	2	16,005	3.7	8-67		40		763	27
23-24-0001	6045176	1411224	9 4 63	17	14,266	534	305	3	19,596	3.6	12-67		41		882	24
23-24-0001	5391393	1347940	3 2 61	15	14,446	538	294	5	16,614	3.6	2-68		44		702	24
23-24-0003	6052389	1234506	2 29 64	10	15,905	608	305	2	19,345	3.8	10-67		40		782	18
23-24-0003	5712569	1222994	7 29 62	10	17,486	666	302	3	19,276	3.7	1-67		42		583	20
23-24-0005	6300894	1347940	2 15 65	5	13,235	513	303	2	17,115	3.7	2-68		40		833	29
23-25-0109	6457889	1441440	11 9 65	14	15,510	554	305	1	23,500	3.5	12-67		35		929	34
23-25-0109	6457890	1441440	12 9 65	20	16,240	575	305	1	20,560	3.2	1-68		35		658	20

23-25-0111	6315855	1441440	3 14 65	21	13,360	511	305	1	19,280	3.7	708	10-67	35	754	28
23-25-0111	6315854	1441440	2 15 65	15	14,270	530	305	2	20,365	3.4	696	3-68	40	920	30
23-25-0111	5994330	1427615	12 9 63	12	14,095	533	305	2	16,960	3.5	589	5-67	40	882	17
23-25-0111	5994329	1427615	10 17 63	24	14,330	531	303	3	17,370	3.5	606	1-68	42	888	19
23-25-0163	6024945	1415405	7 11 63	11	13,330	514	305	3	17,183	3.6	621	9-67	42	714	19
23-25-0209	5735661	1144239	8 4 62	19	13,126	487	303	3	20,116	3.5	698	9-67	42	795	19
23-25-0304	6270350	1441440	12 8 64	14	15,435	568	305	2	19,900	3.7	736	2-68	40	766	30
23-25-0320	4642038	1272185	9 25 57	5	14,444	522	305	7	18,167	3.5	631	3-68	36	583	17
23-25-0453	5434511	1199324	6 2 61	11	15,005	554	305	4	16,745	3.8	637	3-67	44	755	27
23-25-0453	5865821	1300014	6 12 63	18	14,223	534	305	3	19,190	3.2	611	9-67	42	878	11
23-25-0461	6508452	1329588	9 25 65	20	11,260	433	305	1	16,160	3.8	616	10-67	36	612	20
23-25-0507	6272121	1300014	3 9 65	11	14,980	572	305	1	20,870	3.1	641	8-67	36	781	7
23-25-0507	5920962	1427615	9 10 63	14	15,700	572	305	3	16,000	3.8	603	4-68	42	585	15
23-25-0507	6200062	1300014	11 19 64	15	14,830	569	305	1	21,280	3.4	713	10-67	36	821	13
23-25-0507	6200064	1300014	12 25 64	8	15,730	601	305	1	20,980	3.3	687	7-67	36	739	9
23-25-0527	6111016	1300014	2 6 64	6	12,710	487	284	3	17,480	3.3	572	12-67	42	838	12
23-25-0563	6450525	1320310	12 22 65	12	12,490	444	262	1	12,300	3.1	384	11-67	35	700	15
23-25-0563	6450524	1320310	11 11 65	9	12,450	443	305	1	16,290	3.1	507	12-67	35	1004	24
23-25-0563	6450522	1320310	10 8 65	9	13,110	464	278	1	11,700	3.7	435	9-67	35	613	17
23-25-0571	5955464	1427615	8 19 63	17	14,680	516	276	2	17,205	3.0	516	10-67	40	853	12
23-25-0576	5931399	1244009	10 5 63	34	15,360	585	304	3	18,576	3.7	679	10-67	42	781	21
23-26-0020	6049099	1427615	2 26 64	22	13,455	497	305	2	17,505	3.5	621	3-68	40	955	24
23-26-0024	6446589	1320310	10 19 65	6	14,310	547	305	1	17,540	3.5	606	4-68	35	972	24
23-26-0040	5673666	1215958	9 16 62	13	15,687	566	297	4	18,545	3.5	651	2-68	42	655	20
23-26-0040	6567077	1340669	7 30 64	10	16,740	586	305	1	27,870	3.6	998	3-68	36	1144	31
23-26-0051	6144035	1300014	6 1 64	11	13,705	531	305	2	19,005	3.6	678	8-67	40	850	17
23-26-0068	6129911	1250992	10 11 62	5	16,706	623	305	3	24,103	3.6	864	3-67	42	632	20
23-26-0068	6425333	1427615	3 29 65	10	14,300	537	305	1	17,390	3.6	619	8-67	35	861	19
23-26-0068	6425327	1427615	10 2 64	11	14,695	549	253	2	18,980	3.6	682	9-67	40	1033	26
23-28-0003	6165087	1320310	6 23 64	46	15,315	591	296	2	19,005	3.3	629	9-67	40	1071	23
23-28-0003	6365804	1320310	5 1 65	32	14,140	560	305	1	16,830	3.7	623	8-67	35	976	25
23-28-0012	6301713	1337741	7 30 64	31	15,510	598	305	1	20,250	3.5	710	5-67	35	832	26
23-28-0012	6108946	1222994	4 26 63	26	14,540	555	302	3	17,406	4.2	728	6-67	42	673	32
23-28-0012	6850556	1441440	8 20 65	31	15,390	592	305	1	24,550	3.7	899	5-67	34	990	37
23-28-0012	5690767	1259069	9 29 62	51	14,653	549	305	3	20,813	3.7	765	12-67	42	925	29
23-28-0021	5855075	2759320	7 20 63	72	14,040	513	297	2	19,060	3.8	726	9-67	39	620	28
23-28-0021	5895160	1369797	9 3 63	41	14,020	507	297	1	22,140	3.2	707	6-67	24	765	18
23-28-0028	5732725	1316590	10 19 62	38	14,300	567	305	2	19,730	3.7	724	12-66	40	606	21
23-28-0028	6278041	1337741	8 28 64	51	13,920	544	302	2	16,075	4.0	640	10-67	40	652	25
23-28-0028	6428891	1320310	6 22 65	34	14,730	553	305	1	17,870	4.3	769	2-68	35	968	36
23-28-0028	6428890	1320310	5 11 65	26	12,670	520	291	1	17,250	3.4	584	9-67	35	1107	25
23-28-0028	6431974	1320310	9 8 65	50	14,340	548	305	1	14,320	3.5	504	12-67	35	727	17
23-28-0028	6530656	1309574	9 12 65	41	14,520	546	305	1	20,800	3.8	791	1-68	35	681	30
23-28-0029	6257018	1337741	2 21 65	5	12,480	479	305	1	14,310	4.4	633	7-67	35	586	27
23-28-0029	6152708	1320310	9 17 64	9	14,960	557	305	1	19,410	3.6	708	11-67	35	1069	31

TABLE 5.—HIGH-RANKING PROGENY OF DHIA SIRE: HOLSTEIN—Continued

COW'S LAST HERD CODE	COW'S REGISTRATION NO.	COW'S BIRTH DATE (Mo.) (Day) (Yr.)	HERDMATES			AVERAGE PRODUCTION OF COW				LAST CALVING		REPEAT- ABILITY (Pct.)	COW INDEX	
			NUM- BER	MILK (lb.)	FAT (%)	IN MILK (Days)	REC- ORDS	MILK (lb.)	FAT (Pct.)	FAT (lb.)	(Mo.) (Yr.)	CAR	MILK	FAT
23-28-0030	6312898	3 15 65	41	11,010	400	305	1	14,460	3.4	493	10-67	33	590	20
23-28-0035	6210920	4 8 63	12	11,940	508	305	1	15,750	4.0	623	8-67	35	646	24
23-28-0040	6369005	3 21 65	58	12,030	460	280	1	15,580	3.2	503	8-67	35	713	18
23-28-0040	6370171	2 7 65	33	11,860	443	305	1	15,900	3.6	570	8-67	35	1061	29
23-28-0043	6344538	7 16 65	10	12,080	431	305	1	16,820	3.6	613	9-67	34	624	26
23-28-0046	6357428	8 25 65	28	13,340	502	292	1	16,420	4.0	650	9-67	35	953	30
23-28-0046	6221387	12 31 64	20	14,240	546	305	1	19,670	4.0	782	12-67	35	1137	38
23-28-0046	6127316	5 30 64	27	14,165	547	305	2	18,215	4.0	729	6-67	40	851	35
23-28-0046	6468206	12 13 65	13	14,580	566	305	1	16,560	3.7	615	1-68	35	879	24
23-28-0046	6479962	12 31 65	24	14,140	541	305	1	17,470	4.2	737	11-67	35	978	34
23-28-0046	6479959	1 4 66	10	14,520	566	305	1	18,660	4.2	782	1-68	34	605	32
23-28-0048	6562864	11 14 65	16	14,130	525	305	1	19,260	3.6	694	11-67	34	678	28
23-28-0062	6615240	7 24 64	16	14,685	539	304	2	17,060	3.4	576	2-68	40	637	18
23-28-0067	5650057	9 16 62	11	13,615	513	268	4	14,437	3.5	507	10-67	44	624	16
23-28-0067	6478668	12 4 65	12	13,400	506	277	1	16,110	3.6	580	11-67	35	660	21
23-28-0069	6095307	6 10 64	29	15,175	568	305	2	19,540	3.2	620	12-67	40	1139	24
23-28-0069	6138430	9 25 64	28	15,120	571	305	2	16,885	3.6	608	11-67	40	625	19
23-28-0069	6138429	9 17 64	20	13,040	478	299	1	16,440	4.2	691	5-67	35	712	33
23-28-0070	6211802	12 6 64	25	15,410	569	287	2	19,370	3.2	628	2-68	40	732	21
23-28-0070	5721726	12 14 62	15	13,976	529	305	3	16,256	3.5	568	7-67	41	603	18
23-28-0086	6249378	10 27 64	18	14,880	550	302	1	17,780	4.1	728	6-67	35	688	31
23-28-0086	5982685	11 20 63	22	16,936	615	305	3	19,380	3.3	647	12-67	42	854	22
23-28-0114	5795031	10 27 62	13	14,176	586	305	3	17,870	4.1	724	12-67	42	778	32
23-28-0114	6167353	10 25 64	8	15,255	628	305	2	17,480	3.9	683	11-67	40	921	25
23-28-0115	5766124	8 23 62	42	14,532	545	305	4	20,692	3.4	713	9-67	35	1188	29
23-28-0123	6469504	11 10 65	24	17,120	622	304	1	22,410	3.4	760	11-67	36	770	30
23-28-0143	6464861	6 18 65	24	14,660	548	284	1	17,590	3.7	644	10-67	35	686	23
23-28-0143	6464863	9 2 65	21	14,620	552	289	1	15,660	3.3	514	10-67	35	809	17
23-28-0143	6219988	8 25 64	16	13,445	487	287	2	14,390	3.0	431	8-67	40	817	14
23-28-0143	6280261	2 18 65	17	14,515	561	290	2	15,330	3.7	568	11-67	40	770	20
23-28-0163	6148355	4 13 64	17	13,570	522	305	2	17,420	3.6	620	11-67	40	638	17
23-28-0163	5648503	4 25 62	47	13,860	512	303	4	17,640	3.5	609	9-67	42	748	21
23-28-0164	6172923	11 29 64	28	12,310	435	305	1	15,070	3.9	593	7-67	35	658	28
23-28-0164	6186220	7 15 64	28	13,190	475	304	2	16,890	3.5	590	7-67	40	1096	30
23-28-0172	6416494	8 7 65	14	12,800	490	305	1	13,900	3.8	530	11-67	35	800	22
23-28-0188	6410259	2 11 65	22	14,640	490	305	1	15,960	4.0	635	7-67	35	876	31
23-28-0188	6303015	11 15 64	22	14,640	490	292	1	16,210	3.8	612	7-67	35	895	29
23-28-0188	6303016	3 8 65	22	14,640	490	305	1	17,950	3.5	625	7-67	35	1026	30
23-28-0188	6366360	6 21 65	18	13,920	469	284	1	15,910	3.7	593	8-67	35	921	29
23-28-0191	6454527	8 24 65	36	14,970	561	305	1	16,670	3.5	585	10-67	35	861	22
23-28-0191	6222620	8 3 64	30	14,670	520	305	2	18,430	3.2	590	9-67	40	824	22
23-28-0204	6463689	8 23 65	25	15,560	568	305	1	24,590	3.1	754	10-67	35	1008	28
23-28-0204	6255225	2 15 65	5	13,220	507	297	1	12,460	4.2	518	5-67	35	709	21
23-28-0211	6277734	10 5 64	9	16,570	647	305	2	18,225	3.9	711	2-68	40	877	26
23-28-0229	6346163	11 23 64	25	14,355	508	299	2	19,020	3.2	602	9-67	40	894	19

23-28-0235	6169029	1320310	7 26 64	15	11,075	430	294	2	13,225	3.5	467	8-67	40	916	22
23-28-0256	6310645	1337741	12 28 64	20	15,105	568	305	2	22,950	3.6	815	12-67	40	1245	40
23-28-0256	5813225	1399824	2 5 63	18	15,095	556	283	4	19,027	3.7	708	12-67	43	841	34
23-28-0256	5813224	1399824	1 25 63	11	13,990	502	299	3	16,083	3.8	610	8-67	41	582	26
23-28-0256	6654532	1320310	12 29 65	17	15,910	597	276	1	18,580	3.4	623	1-68	35	942	22
23-28-0258	5703255	1199324	6 18 62	12	12,350	448	305	4	14,435	3.8	548	7-67	44	764	28
23-28-0263	6325534	1320310	5 9 65	16	13,750	543	305	1	18,280	4.0	735	5-67	35	1112	35
23-28-0263	6163542	1320310	8 22 64	29	13,670	550	305	2	16,685	3.4	571	1-68	40	986	21
23-28-0280	5806401	1399824	1 5 63	13	14,552	564	292	4	18,367	3.5	641	1-68	43	820	24
23-28-0282	6112685	1337741	7 4 64	6	14,630	540	298	2	18,175	3.4	609	12-67	40	801	22
23-28-0282	6112687	1320310	7 7 64	5	14,835	558	305	2	17,410	3.1	539	12-67	40	953	18
23-28-0282	6243606	1320310	9 13 64	9	14,610	555	301	1	14,920	3.5	528	12-67	35	754	18
23-28-0289	5616654	1199324	6 10 62	21	13,057	486	301	4	18,517	3.2	588	9-67	44	1190	29
23-28-0296	6165943	1259069	9 13 64	11	15,295	590	304	2	20,120	3.8	770	9-67	40	719	23
23-28-0298	6672106	1337741	7 28 64	11	16,180	571	292	2	17,560	3.6	625	9-67	40	596	21
23-28-0304	6152535	1320310	8 20 64	22	14,765	539	305	2	16,485	3.7	607	7-67	40	910	26
23-28-0304	6260416	1320310	11 12 64	34	15,975	578	305	2	18,640	3.7	683	10-67	40	973	30
23-28-0316	5968713	1347940	10 1 63	14	16,833	615	305	3	17,430	4.0	690	11-67	42	589	27
23-28-0323	6219293	1320310	10 12 64	11	12,690	464	305	1	14,770	3.7	544	8-67	35	919	26
23-28-0325	6591256	1309574	12 3 65	35	13,530	469	305	1	18,020	3.1	567	12-67	34	624	22
23-28-0328	6461528	1399824	9 16 64	16	12,345	478	297	2	16,485	3.7	610	2-68	40	719	27
23-28-0330	6633140	1320310	7 23 64	17	14,630	577	305	1	19,180	3.8	734	9-67	35	1074	32
23-28-0334	6266833	1337741	10 29 64	15	13,060	485	305	1	16,680	3.5	592	11-67	35	726	23
23-28-0338	6252707	1399824	1 24 65	20	14,490	524	305	1	23,070	3.5	807	1-68	35	985	36
23-28-0338	6368662	1320310	7 19 64	14	12,800	460	283	1	13,530	3.7	503	8-67	35	818	23
23-28-0342	6176208	1337741	6 23 64	5	13,010	499	291	1	17,200	3.4	591	4-68	35	721	22
23-28-0344	6173678	1320310	6 25 64	22	14,720	582	286	1	15,070	3.7	555	10-67	35	757	19
23-28-0348	6106368	1347940	4 25 64	9	15,000	588	302	2	16,360	3.8	627	2-68	40	596	21
23-28-0348	6609106	1347940	3 14 66	23	13,670	521	305	1	15,510	3.7	570	12-67	36	669	23
23-29-0006	6497175	1337741	11 1 65	15	15,010	559	305	1	16,700	3.4	575	12-67	35	595	17
23-29-0022	6308899	1320310	2 12 65	8	13,470	513	296	2	13,970	3.5	485	1-68	40	727	16
23-29-0085	6389320	1337741	10 9 65	5	14,540	586	290	1	19,810	3.4	681	12-67	35	814	23
23-31-6003	6463756	1456945	7 10 65	41	13,760	512	305	1	20,310	3.7	744	9-67	23	943	32
23-31-6003	6242634	1347940	12 7 64	19	14,455	537	287	2	15,810	3.5	559	1-68	40	646	21
23-31-6003	6744717	1347940	2 1 66	36	14,320	532	305	1	21,730	3.4	735	11-67	36	1089	34
23-31-6004	6385628	1427052	11 1 64	36	14,800	555	305	1	19,610	3.7	721	6-67	35	695	18
23-31-6004	6463755	1456945	7 4 65	39	14,410	524	305	1	17,140	3.4	583	9-67	23	603	16
23-31-6004	6463758	1456945	7 19 65	39	14,410	524	305	1	17,510	3.2	563	9-67	23	637	15
23-31-6004	6463757	1456945	7 15 65	33	14,870	539	305	1	18,660	4.1	756	10-67	23	704	31
23-31-6004	5173472	1300014	12 12 59	14	13,845	499	305	4	18,625	3.6	666	10-67	44	886	22
23-31-0010	5667168	1199324	6 30 62	8	12,975	479	290	2	14,995	3.8	563	10-67	40	751	26
23-31-0015	6237790	1320310	9 22 64	15	13,060	489	305	2	14,955	3.3	499	3-68	40	865	19
23-31-0015	5941381	1300014	10 21 63	23	12,130	460	305	2	16,540	3.2	533	2-68	40	744	9
23-31-0023	5931930	1399263	8 17 63	24	14,800	602	305	2	18,025	3.9	703	4-67	30	661	17
23-31-0023	5486047	1199324	9 5 61	25	15,592	629	295	5	17,178	3.8	649	12-67	44	746	21

TABLE 5.—HIGH-RANKING PROGENY OF DHIA SIRE: HOLSTEIN—Continued

COW'S LAST HERD CODE	COW'S REGISTRATION NO.	COW'S SIRE REGISTRATION NO.	COW'S BIRTH DATE (Mo.) (Day) (Yr.)	HERDMATES			AVERAGE PRODUCTION OF COW				LAST CALVING		COW INDEX	
				NUM- BER	MILK (Lb.)	FAT (Lb.)	IN MILK (Days)	REC- ORDS	MILK (Lb.)	FAT (Pct.)	(Mo.) (Yr.)	CAR	MILK	FAT
23-31-0024	6033518	1296729	10 24 63	7	14,665	535	305	2	18,380	3.6	2-67		679	15
23-31-0031	5367844	1347940	7 21 61	16	14,560	561	274	4	16,007	3.7	3-68	6	608	19
23-31-0032	5421577	1347940	6 28 61	24	15,960	613	305	5	17,734	3.6	12-67		726	21
23-31-0032	5283910	1347940	1 26 61	23	16,142	620	302	5	17,676	4.0	1-68		697	29
23-31-0032	6126504	1223243	6 1 64	23	16,060	627	305	2	19,045	3.7	7-67		611	19
23-31-0032	6330197	1223243	2 17 65	22	17,730	658	301	2	24,110	3.3	1-68		975	25
23-31-0064	6464259	1347940	9 11 65	7	14,250	547	305	1	17,620	3.3	9-67		787	21
23-31-0064	6489928	1347940	11 22 65	7	14,450	553	305	1	18,770	3.7	11-67		859	30
23-31-0067	6292772	1300014	12 22 64	13	12,730	485	305	1	19,690	3.5	11-67		844	16
23-31-0100	6144707	1397561	8 9 64	15	15,510	596	305	1	20,070	3.8	2-67		586	23
23-31-0100	6041595	1427615	9 7 63	19	13,290	521	305	2	19,015	3.6	9-67		1166	29
23-31-0110	5444395	1199324	11 21 61	13	13,185	480	298	4	16,192	3.6	12-67		889	28
23-31-0110	4485552	1157665	12 4 57	6	12,937	495	305	7	17,661	4.4	1-68		814	52
23-31-0141	5726658	1199324	12 15 61	23	13,563	495	302	3	14,453	3.4	3-67		637	17
23-31-0141	5836475	1347940	6 14 63	23	11,883	435	305	3	14,716	3.7	11-67		790	29
23-31-0145	6529199	1347940	11 15 65	7	13,320	514	290	1	15,850	3.6	11-67		718	23
23-31-0161	6259017	1427615	4 20 64	21	14,320	544	305	2	15,905	3.9	10-67		754	19
23-31-0168	6426508	1347940	1 4 65	5	9,340	337	305	1	12,180	3.6	9-67		711	25
23-31-0175	6527736	1347940	11 25 65	7	14,930	586	305	1	17,430	4.0	11-67		727	28
23-31-0175	6485137	1347940	9 13 65	7	15,010	609	305	1	16,010	4.1	7-67		616	23
23-31-0201	6446644	1347940	4 22 65	13	14,230	523	294	1	16,710	3.6	11-67		721	25
23-31-0201	6448329	1347940	12 7 65	13	14,230	523	305	1	19,210	3.4	11-67		907	28
23-31-0201	6295639	1347940	8 20 64	13	14,230	523	305	1	15,900	3.5	11-67		660	21
23-31-0201	5619678	1324731	1 15 62	15	13,080	485	305	1	20,610	3.1	8-67		732	16
23-31-0201	5544366	1347940	2 4 61	13	15,390	569	298	2	16,820	3.8	12-67	6	663	25
23-31-0202	6509209	1330987	10 6 65	12	12,330	448	305	1	16,720	3.3	12-67		668	26
23-32-0012	6421670	1320310	11 17 65	62	12,300	441	305	1	17,200	3.5	2-68		1083	30
23-32-0012	6369592	1337741	9 8 65	62	12,310	440	305	1	16,500	3.6	2-68		716	26
23-32-0012	6369588	1320310	4 28 65	59	11,390	412	297	1	15,380	3.3	6-67		1053	26
23-32-0012	6337485	1441440	3 2 65	44	12,310	431	287	2	15,450	4.1	4-68		599	32
23-32-0012	6018400	1427615	11 27 63	51	12,903	455	292	3	15,226	3.2	12-67		829	14
23-32-0012	6090851	1427052	6 12 64	38	12,035	438	287	2	16,230	3.5	8-67		717	18
23-32-0015	6055012	257174C	11 15 63	7	14,840	481	305	1	21,900	3.2	4-68		646	23
23-32-0017	6059017	1427615	3 12 64	6	14,880	582	304	1	19,560	3.3	12-67		986	18
23-32-0017	6116004	1382261	7 24 64	11	15,570	558	305	1	21,540	3.3	3-67		606	20
23-32-0030	6173244	1347940	11 22 64	18	11,410	424	305	1	14,130	3.5	8-67		717	24
23-32-0040	6054849	1300014	3 1 64	8	11,390	438	299	2	17,155	3.7	8-67		874	21
23-32-0040	6054848	1300014	1 7 64	14	15,056	539	305	3	19,356	3.4	3-68		811	17
23-32-0053	6056028	1427615	12 30 63	13	15,765	587	300	2	17,835	3.5	4-68		818	16
23-32-0058	5973299	1300014	12 28 63	13	16,110	599	297	3	18,920	3.7	4-68		652	16
23-32-0058	6495243	1300014	3 28 65	11	16,180	602	305	2	21,305	3.7	4-68		857	21
23-32-0120	6065410	1300014	4 10 64	9	14,595	543	304	2	20,370	3.3	1-68		907	16
23-32-0120	6021970	1415405	11 7 63	9	14,780	543	304	2	18,615	3.3	9-67		681	15
23-32-0120	6173012	1300014	7 3 64	9	14,595	543	297	2	19,940	3.4	1-68		863	16
23-32-0123	6513927	1441440	3 10 66	30	13,450	498	305	1	17,270	3.4	3-68		599	20

23-32-0123	6513925	1320310	4 14 66	21	13,540	496	275	1	13,640	3.9	532	4-68	35	730	22
23-32-0130	6022775	1427615	11 29 63	7	10,735	405	305	2	12,255	3.9	482	7-67	40	711	18
23-33-0018	6410307	1320310	6 7 65	15	14,300	558	278	1	13,130	4.0	529	8-67	35	686	19
23-33-0018	6410308	1320310	7 6 65	15	14,300	559	305	1	16,280	4.2	683	7-67	35	923	30
23-33-0018	6097939	1300014	1 19 64	25	16,290	598	294	3	18,463	3.9	716	2-68	42	581	17
23-33-0018	6293721	1300014	1 3 65	20	15,210	582	305	2	23,730	3.0	703	11-67	40	1192	15
23-33-0024	6093618	1300014	3 19 64	5	14,840	577	305	2	19,405	3.4	655	7-67	40	787	11
23-33-0057	6286768	1441440	2 15 65	10	14,610	569	305	2	19,070	3.7	701	10-67	35	652	24
23-33-0067	5957803	1427052	11 21 63	6	13,925	506	305	2	16,800	3.7	618	1-68	39	586	16
23-33-0070	6031256	1427052	2 25 64	5	12,285	469	305	2	15,505	3.9	599	7-67	39	618	18
23-33-0082	6338257	1406271	7 25 65	6	12,940	456	305	1	17,740	4.1	720	10-67	35	864	43
23-33-0082	6319517	283099C	12 6 64	13	12,050	422	305	1	19,830	3.2	639	7-67	26	800	19
23-33-0082	6472257	1309574	8 29 65	6	12,510	461	305	1	20,760	3.3	688	10-67	34	906	32
23-33-0083	6042282	1427615	10 9 63	24	15,296	598	302	3	20,300	3.1	637	12-67	42	1169	17
23-33-0093	5885639	1300014	7 31 63	7	14,530	526	295	3	18,380	3.4	618	12-67	42	754	13
23-34-0001	6407579	1347940	10 2 65	38	12,710	453	302	1	15,880	3.5	553	9-67	36	761	26
23-34-0001	6689276	1347940	10 31 65	45	12,670	444	305	1	16,320	3.3	533	10-67	36	796	25
23-34-0001	6738757	1347940	11 3 65	40	12,900	455	305	1	16,270	3.5	569	12-67	36	777	27
23-34-0006	5644216	1347940	3 6 62	13	13,200	462	290	4	16,017	3.5	566	4-68	44	760	28
23-34-0006	5813029	1347940	10 13 62	19	13,477	475	291	4	15,985	3.7	585	2-68	44	726	29
23-34-0007	5995746	1340669	10 3 63	10	15,823	556	294	3	19,923	3.1	615	4-68	7	760	7
23-34-0007	6132057	1337741	9 23 64	16	13,830	460	305	1	16,990	3.1	524	8-67	35	700	21
23-34-0008	5985659	1347940	9 18 63	37	14,615	504	305	2	16,250	3.3	538	7-67	40	676	21
23-34-0008	5759166	1347940	2 12 63	30	14,716	513	305	3	23,623	3.2	755	8-67	42	1521	45
23-34-0008	6684821	1347940	2 16 64	44	14,755	512	305	2	15,740	3.6	561	11-67	40	611	23
23-34-0008	6572015	1347940	10 1 65	37	15,330	521	305	1	21,340	3.0	643	12-67	36	992	28
23-34-0008	6456354	1347940	8 13 65	45	15,070	511	302	1	17,270	3.5	604	10-67	36	706	26
23-34-0008	6497432	1347940	10 24 65	37	15,330	521	305	1	16,780	3.4	576	12-67	36	652	23
23-34-0008	6285441	1347940	5 2 64	41	14,610	505	302	2	17,250	3.7	634	9-67	40	778	31
23-34-0015	6591285	1347940	10 4 65	42	13,750	499	305	1	16,400	3.2	526	11-67	36	730	21
23-34-0016	6353719	1347940	4 30 64	9	14,193	559	281	3	16,243	3.6	587	3-68	42	670	20
23-34-0016	6353718	1347940	3 7 65	7	13,260	492	305	1	14,780	3.8	558	10-67	36	642	24
23-34-0016	6353717	1347940	12 6 64	6	13,630	503	305	1	16,370	3.3	536	11-67	36	735	21
23-34-0016	6353712	1347940	5 24 64	10	13,810	550	305	2	18,685	3.4	644	2-68	40	940	26
23-34-0018	6345222	1347940	6 24 64	12	15,555	568	278	2	16,365	3.4	560	5-67	40	602	18
23-34-0018	6345223	1347940	3 25 65	12	15,740	570	305	1	19,090	3.3	634	5-67	36	797	24
23-34-0023	6358746	1347940	3 15 65	20	15,090	548	301	1	17,040	3.6	614	8-67	36	687	24
23-34-0023	6519286	1347940	11 23 65	15	15,550	574	295	1	16,480	3.3	544	11-67	36	615	18
23-34-0023	6235484	1347940	12 4 64	20	15,910	573	283	2	17,340	3.3	580	9-67	40	668	19
23-34-0026	5383060	1347940	5 23 61	10	14,336	524	283	5	15,578	3.8	588	2-68	44	582	24
23-34-0026	5595146	1347940	2 26 62	7	13,330	492	295	4	16,330	3.7	612	9-67	44	840	32
23-34-0042	6365134	1347940	4 17 65	19	13,200	496	305	1	17,070	3.8	651	9-67	36	816	30
23-34-0042	6365133	1347940	2 19 65	8	12,800	474	305	1	14,980	3.9	588	6-67	36	688	27
23-34-0045	6206125	1329588	6 9 64	12	15,205	612	305	2	19,295	3.7	717	9-67	40	679	18
23-34-0045	6214707	1199324	2 10 64	13	15,355	620	304	2	18,740	4.0	751	9-67	40	914	32

TABLE 5.—HIGH-RANKING PROGENY OF DHIA Sires: HOLSTEIN—Continued

COW'S LAST HERD CODE	COW'S REGISTRATION NO.	COW'S SIRE REGISTRATION NO.	COW'S BIRTH DATE (Mo.) (Day) (Yr.)	HERDMATES			AVERAGE PRODUCTION OF COW				LAST CALVING (Mo.) (Yr.)		REPEAT- ABILITY (Pct.)	COW INDEX	
				NUM- BER	MILK (Lb.)	FAT (Lb.)	IN MILK (Days)	REC- ORDS	MILK (Lb.)	FAT (Pct.)				MILK	FAT
23-34-0045	6214713	1283917	3 26 64	14	15,335	618	305	2	23,845	3.9	937	9-67	40	1194	34
23-34-0045	6196050	1329588	7 25 64	12	15,205	612	305	2	20,495	4.2	859	9-67	40	801	33
23-34-0045	5951695	1199324	2 11 63	17	15,286	624	302	3	18,503	3.6	667	3-67	42	924	33
23-34-0052	6281239	1347940	12 10 64	30	15,055	559	305	2	19,275	3.6	701	11-67	40	943	33
23-34-0052	5362641	1347940	4 25 61	31	15,917	563	305	4	21,462	3.5	744	9-67	44	1186	40
23-34-0052	6444324	1347940	8 28 65	39	14,610	525	305	1	20,690	3.9	798	8-67	36	992	39
23-34-0052	6423010	1347940	10 9 65	38	14,800	553	305	1	19,210	3.4	653	10-67	36	869	27
23-34-0053	5996353	1347940	3 30 63	6	13,856	531	296	3	18,086	3.8	693	11-67	42	973	36
23-34-0053	6574037	1347940	8 7 65	5	14,710	511	305	1	21,940	3.2	712	9-67	36	1078	34
23-34-0054	6507762	1347940	10 8 65	9	17,100	629	305	1	22,010	3.5	768	1-68	36	923	30
23-34-0054	6086955	1347940	1 27 63	9	16,917	593	305	4	18,285	3.3	602	3-68	44	627	18
23-34-0061	6223646	1347940	10 14 63	18	14,300	519	288	3	15,233	3.4	514	11-67	42	599	17
23-34-0061	6223645	1347940	9 30 63	17	14,110	514	302	3	16,320	3.7	596	9-67	42	744	27
23-34-0061	5704939	1296729	7 11 61	15	14,124	515	304	5	17,896	3.2	571	9-67	44	765	8
23-34-0062	6232500	1347940	1 10 65	14	17,465	614	287	2	21,450	3.0	638	1-68	40	943	22
23-34-0062	6232499	1347940	10 16 64	25	17,755	628	305	2	20,845	3.8	786	11-67	40	856	35
23-34-0062	6122036	1347940	8 28 64	23	17,395	608	305	2	21,380	3.5	754	10-67	40	943	34
23-34-0062	6453572	1347940	2 3 66	15	18,400	649	305	1	20,710	3.3	681	2-68	36	680	21
23-34-0063	5955128	1347940	2 6 63	10	14,990	503	305	3	18,383	3.4	626	3-68	42	834	30
23-34-0065	5939524	1410545	11 7 63	18	15,313	588	278	3	20,920	3.6	759	2-68	32	787	26
23-34-0065	5895587	1347940	7 7 63	26	14,746	525	305	3	16,263	3.6	592	12-67	42	671	25
23-34-0065	6229233	1347940	10 4 64	30	14,350	525	305	1	16,720	3.3	558	9-67	36	713	22
23-34-0065	6229232	1347940	8 27 64	27	14,430	527	305	1	18,560	3.1	577	8-67	36	845	23
23-34-0065	5607801	1347940	9 8 61	26	14,627	525	300	4	20,170	3.6	727	11-67	44	1170	42
23-34-0065	6753774	1347940	8 17 65	27	14,900	548	305	1	18,100	3.7	668	10-67	36	779	28
23-34-0065	6718415	1347940	9 17 65	24	14,840	549	287	1	15,920	3.6	581	11-67	36	621	22
23-34-0065	6718414	1347940	8 22 65	27	14,900	548	305	1	16,560	3.8	628	10-67	36	664	25
23-34-0065	6718417	1347940	10 20 65	24	14,840	549	305	1	18,330	3.1	569	11-67	36	800	21
23-34-0065	6372405	1347940	2 15 65	30	14,350	525	290	1	15,110	4.1	625	9-67	36	593	26
23-34-0065	6372399	1347940	7 26 65	30	14,350	525	305	1	15,970	3.1	503	9-67	36	657	18
23-34-0065	6372404	1347940	2 14 65	27	14,430	527	305	1	18,260	3.9	713	8-67	36	823	33
23-34-0070	6504931	1347940	10 26 65	6	16,460	556	257	1	22,120	3.3	719	1-68	36	974	31
23-34-0071	6493717	1347940	6 6 65	18	14,850	502	305	1	16,410	3.3	549	9-67	36	657	22
23-34-0075	6069752	1296729	2 25 64	10	14,650	509	302	2	19,690	3.3	644	10-67	40	813	15
23-34-0075	5404613	1199324	10 25 60	8	14,554	514	303	5	15,036	4.0	596	6-67	44	590	27
23-34-0076	6372404	1347940	11 10 65	13	15,200	527	305	1	17,870	3.5	618	10-67	36	742	26
23-34-0076	5973193	1296729	11 8 63	11	15,760	572	305	2	19,765	3.8	760	5-67	40	719	21
23-34-0076	6573041	1347940	12 3 65	9	16,110	568	305	1	18,450	3.5	640	1-68	36	665	23
23-34-0076	5773370	1347940	10 7 62	10	15,902	584	302	4	19,062	3.7	706	2-68	44	836	31
23-34-0076	6183106	1296729	11 2 64	10	15,400	558	305	2	19,305	3.7	720	10-67	40	705	18
23-34-0078	6078000	1347940	3 8 64	8	14,165	505	292	2	16,745	3.2	534	6-67	40	767	21
23-34-0078	5910913	1347940	10 23 62	7	13,996	496	305	3	15,600	3.5	541	6-67	42	673	23
23-34-0078	6353468	1347940	11 23 64	6	14,230	495	305	2	16,645	3.6	591	11-67	40	751	28
23-34-0079	5463046	1199324	11 10 61	17	15,100	558	301	5	16,842	3.3	553	12-67	44	760	17
23-34-0082	6420361	1347940	8 18 65	6	14,440	499	305	1	18,540	3.4	635	3-68	36	784	27

23-34-0085	6657037	1347940	1	7	66	5	14,530	578	305	1	15,920	3.9	613	10-67	36	642	22
23-34-0085	6657038	1296729	2	10	64	5	13,330	525	305	2	19,810	3.5	694	1-68	40	946	18
23-34-0089	6610558	1347940	10	7	65	10	13,090	476	305	1	17,140	3.4	582	10-67	36	829	27
23-34-0092	5503164	1347940	10	14	61	13	15,533	586	305	3	18,043	3.8	694	7-67	42	794	31
23-34-0092	6146919	1347940	10	8	64	18	15,765	603	290	2	19,425	3.7	712	12-67	40	893	30
23-34-0093	6628264	1347940	3	13	65	14	14,420	555	305	1	15,830	3.9	611	5-67	36	642	23
23-34-0093	6628267	1347940	4	10	65	16	15,105	559	284	2	17,430	3.5	614	3-68	40	695	23
23-34-0093	6628260	1347940	2	23	65	15	15,280	562	299	2	17,530	4.1	713	2-68	40	689	32
23-34-0093	6628234	1347940	6	12	62	12	14,225	541	288	2	15,435	3.7	567	6-67	40	629	21
23-34-0094	5728568	1347940	1	16	63	15	14,236	538	299	3	15,740	3.7	580	10-67	42	664	23
23-34-0094	6127803	1347940	7	18	64	13	14,260	528	305	2	18,580	3.6	661	9-67	40	945	32
23-34-0094	6166174	1347940	12	7	64	10	14,805	561	305	2	17,250	3.8	653	1-68	40	704	26
23-34-0094	6416171	1347940	11	11	65	9	15,090	591	305	1	18,220	3.5	639	12-67	36	775	23
23-34-0094	6457340	1347940	10	14	65	15	15,000	568	305	1	18,850	3.5	660	10-67	36	828	26
23-34-0094	6315457	1347940	3	18	65	11	15,250	558	305	1	19,060	3.3	628	11-67	36	827	22
23-34-0095	6679644	1347940	9	7	62	8	14,050	504	305	1	19,650	3.9	758	11-67	36	952	38
23-35-0012	5876170	1199324	5	24	63	9	13,586	504	296	3	14,630	3.4	504	8-67	42	655	17
23-35-0012	5876171	1199324	6	9	63	10	13,543	499	283	3	14,116	3.6	510	10-67	42	600	18
23-35-0012	5941334	1199324	11	18	63	10	12,060	443	305	2	15,465	3.5	536	6-67	40	883	26
23-35-0022	6865544	1347940	9	21	65	18	14,950	558	305	1	17,480	3.5	618	12-67	36	730	24
23-35-0022	6869310	1347940	9	28	65	9	14,650	552	305	1	16,250	4.0	643	1-68	36	658	26
23-35-0022	6930127	1347940	1	9	66	33	14,770	547	305	1	17,230	3.3	574	1-68	36	664	20
23-35-0035	6565681	1330987	9	3	65	14	11,530	431	305	1	16,740	3.7	620	11-67	36	723	32
23-35-0035	6143853	1330987	9	1	64	29	11,430	435	293	2	14,125	3.7	518	8-67	40	581	25
23-35-0055	6461013	1347940	10	5	65	13	14,500	545	305	1	15,740	3.9	606	10-67	36	630	24
23-35-0080	6432675	1347940	8	22	65	19	12,180	443	305	1	20,910	3.4	709	9-67	36	1171	38
23-35-0080	6432674	1347940	7	21	65	19	12,180	443	305	1	17,160	3.7	630	9-67	36	892	32
23-35-0082	6373335	1347940	8	6	65	12	14,370	518	305	1	17,810	3.5	631	6-67	36	793	27
23-35-0082	6373334	1347940	7	13	65	17	15,480	548	305	1	17,650	3.1	542	8-67	36	707	19
23-35-0082	6373336	1347940	9	6	65	17	15,480	548	305	1	18,720	4.1	759	8-67	36	786	35
23-35-0097	6133639	1417208	9	9	64	17	15,025	542	305	2	17,505	3.8	666	8-67	39	593	28
23-35-0097	5924096	1199324	10	29	63	17	15,520	553	305	1	22,990	3.8	871	6-67	36	1158	43
23-35-0097	5996886	1199324	12	1	63	13	15,873	572	296	3	16,246	3.7	598	12-67	42	604	21
23-35-0107	6313691	1329588	6	10	65	13	13,720	530	305	1	18,640	3.7	691	8-67	36	631	19
23-35-0112	5878667	1222994	7	15	63	11	12,685	475	305	2	15,390	3.9	998	12-66	40	609	25
23-36-0010	6245458	1320310	9	8	64	18	16,295	615	305	2	20,775	3.6	741	10-67	40	1162	32
23-36-0010	6218830	1337741	7	20	64	13	17,200	633	305	2	22,195	3.3	723	12-67	40	976	25
23-36-0011	6020590	1316590	12	7	63	7	15,055	586	297	2	20,380	3.7	759	2-67	40	602	22
23-36-0014	6425799	1347940	11	24	65	7	14,600	562	305	1	18,730	3.5	657	1-68	36	845	26
23-36-0023	6517464	1441440	10	25	65	23	14,720	557	305	1	19,380	3.3	636	10-67	35	668	19
23-36-0023	6283223	1277653	3	14	64	11	15,775	575	303	2	20,845	3.3	688	7-67	40	627	15
23-36-0031	6437331	1320310	3	9	65	15	14,670	601	305	1	14,490	3.9	560	8-67	35	764	18
23-36-0031	6437332	1320310	9	19	65	22	15,830	644	286	1	17,670	3.7	662	9-67	35	878	22
23-36-0031	6419910	1320310	8	22	65	15	14,670	601	305	1	15,810	4.0	668	8-67	35	948	26
23-36-0031	6216307	1320310	10	13	64	10	15,770	617	300	2	15,405	4.2	648	1-68	40	663	23

TABLE 5.—HIGH-RANKING PROGENY OF DHIA SIRES: HOLSTEIN—Continued

COW'S LAST HERD CODE	COW'S REGISTRATION NO.	COW'S SIRE REGISTRATION NO.	COW'S BIRTH DATE (Mo.) (Day) (Yr.)	HERDMATES			AVERAGE PRODUCTION OF COW					LAST CALVING		REPEAT- ABILITY (Pct.)		COW INDEX	
				NUM- BER	MILK (Lb.)	FAT (Lb.)	IN MILK (Days)	REC- ORDS	MILK (Lb.)	FAT (Pct.)	FAT (Lb.)	(Mo.) (Yr.)	CAR			MILK	FAT
23-36-0031	6182779	1320310	9 26 64	22	15,325	610	305	2	17,920	3.3	593	9-67		40		960	18
23-36-0046	6153144	1320310	7 17 64	26	14,240	568	298	2	17,015	3.8	649	5-67		40		1012	28
23-36-0046	6429885	1320310	8 25 65	20	13,600	539	305	1	17,910	3.3	586	7-67		35		1094	24
23-36-0046	6403608	1320310	6 29 65	20	13,600	539	305	1	14,630	3.6	528	7-67		35		846	20
23-36-0046	6403609	1320310	7 6 65	20	13,600	539	305	1	15,470	3.3	513	7-67		35		910	19
23-36-0046	6179108	1337741	11 26 64	15	13,680	508	305	1	17,170	3.5	604	12-67		35		721	23
23-36-0056	6117085	1320310	7 24 64	5	15,005	575	298	2	15,610	3.9	607	3-68		40		753	22
23-36-0057	6371330	1320310	7 17 65	12	15,030	587	305	1	18,000	3.6	646	2-68		35		958	24
23-36-0077	6193034	1314369	4 14 64	9	13,130	473	301	2	18,505	3.3	609	3-68		38		636	16
23-36-0079	6519123	1320310	3 28 66	17	16,900	687	305	1	18,480	3.7	685	12-67		35		867	21
23-36-0079	5821374	1399824	3 18 63	19	16,477	670	285	4	18,697	3.6	674	11-67		43		646	17
23-36-0080	6478664	1320310	2 7 66	13	12,130	447	288	1	12,430	3.7	456	9-67		35		734	20
23-36-0080	6547612	1320310	3 31 66	13	12,390	473	271	1	13,720	3.6	492	1-68		35		814	21
23-36-0099	5682467	1154946	4 13 62	13	13,980	512	305	4	18,475	3.5	652	12-67		44		753	21
23-36-0099	5955634	1244009	7 9 63	15	14,910	543	305	3	20,280	3.7	756	2-68		42		1023	34
23-36-0101	6197397	1320310	10 25 64	16	14,585	543	305	2	15,115	3.8	570	11-67		40		741	22
23-36-0101	6197398	1320310	10 25 64	17	14,685	547	302	2	15,605	3.7	581	12-67		40		782	22
23-36-0101	6137601	1320310	8 1 64	16	14,585	543	301	2	14,310	3.7	527	11-67		40		660	18
23-36-0110	6209627	1320310	11 27 64	25	13,810	538	305	1	14,240	3.4	491	6-67		35		803	17
23-36-0117	6207379	1337741	7 15 64	16	12,880	461	305	2	17,020	3.9	663	8-67		40		847	36
23-36-0120	6197277	1330987	10 1 64	9	11,550	448	305	2	17,250	3.9	673	11-67		40		888	40
23-36-0120	6197278	1330987	10 20 64	9	11,550	448	305	2	15,795	3.7	586	11-67		40		740	31
23-36-0120	6143328	1199324	3 19 64	5	11,990	473	305	2	15,305	3.5	543	8-67		40		873	24
23-36-0120	6025654	1199324	2 1 64	5	11,990	473	305	2	15,965	3.7	598	8-67		40		940	30
23-36-0126	6177574	1337741	5 12 64	10	14,320	523	288	2	16,675	3.4	561	10-67		40		677	19
23-36-0130	6238960	1316590	1 21 64	9	12,935	464	305	2	18,645	3.2	595	5-67		40		620	17
23-36-0139	6424750	1347940	7 24 65	12	12,670	490	305	1	18,270	4.5	818	7-67		36		941	43
23-36-0139	6424752	1399824	9 4 65	6	14,450	542	305	1	17,250	3.6	622	1-68		35		592	22
23-36-0139	6424751	1347940	8 3 65	10	12,770	493	305	1	14,810	3.8	558	8-67		36		677	24
23-36-0139	5343140	1347940	3 22 61	10	15,224	563	302	5	19,106	3.6	689	1-68		44		933	32
23-36-0145	6138124	1337741	10 10 64	31	16,590	649	305	2	19,500	3.8	737	10-67		40		757	25
23-36-0145	6112683	1320310	7 25 64	30	16,685	657	303	2	20,225	3.4	691	11-67		40		1070	23
23-36-0147	6277580	1199324	10 13 64	9	11,390	446	305	1	15,740	3.6	573	9-67		36		895	28
23-36-0164	6583880	1347940	3 14 66	12	14,610	561	305	1	19,480	3.5	673	2-68		36		842	26
23-36-0211	6391471	1347940	11 5 65	9	16,770	646	305	1	18,390	3.3	616	2-68		36		616	17
23-36-0211	6392737	1347940	10 27 65	7	16,850	649	305	1	18,760	3.9	741	12-67		36		698	27
23-36-0211	4856107	1087974	2 18 59	8	15,845	588	305	6	18,020	4.0	714	6-67		44		650	30
23-36-0211	6042538	1259069	2 12 64	8	16,375	622	305	2	22,860	3.3	753	8-67		40		899	18
23-36-0236	6416578	1320310	8 30 65	22	13,380	498	290	1	12,140	3.9	470	9-67		35		628	18
23-36-0241	6409710	1441440	4 13 65	6	13,180	477	305	2	16,500	3.6	587	4-68		40		626	23
23-36-0252	6452736	1320310	10 8 65	23	13,900	533	305	1	16,630	3.5	589	10-67		35		931	24
23-36-0252	5899361	1243106	2 16 63	14	14,130	534	305	3	20,236	3.3	668	12-67		42		713	18
23-36-0252	6130043	1337741	7 29 64	16	14,525	561	295	2	16,020	3.7	588	11-67		40		591	18
23-36-0259	6402880	1320310	10 24 64	11	12,740	499	305	1	16,490	3.7	610	8-67		35		1045	28
23-36-0259	6512114	1347940	11 18 65	13	14,510	527	296	1	16,320	3.6	595	11-67		36		673	24

23-36-0259	5732192	1388663	12 22 62	14	16,092	609	251	4	23,375	4.1	959	4-68	37	1203	58
23-36-0268	5757328	1399824	12 22 62	12	13,640	494	305	2	16,700	3.9	655	7-67	39	662	31
23-36-0268	6532404	1320310	11 19 65	28	15,040	519	305	1	15,530	3.4	524	12-67	20	770	20
23-36-0268	6185932	1337741	7 30 64	19	14,690	514	305	1	18,300	3.8	693	1-68	35	690	28
23-36-0275	6462736	1347940	9 18 65	16	18,200	670	305	1	19,290	3.6	702	2-68	36	588	21
23-36-0290	6154063	1239242	8 2 64	14	15,495	568	305	2	19,370	3.6	692	11-67	40	701	23
23-36-0290	6261886	1244009	10 4 64	11	14,915	538	282	2	16,975	3.5	588	7-67	40	627	15
23-36-0293	6664449	1239242	12 24 64	8	14,480	536	181	2	17,355	3.6	633	1-68	40	590	20
23-36-0296	6159395	1337741	6 1 64	40	13,725	512	305	2	19,325	3.7	724	11-67	40	1002	36
23-36-0296	6073157	1329588	2 22 64	24	13,130	499	304	2	17,500	3.9	684	7-67	40	687	25
23-36-0299	6611481	1320310	11 20 65	7	13,900	513	286	1	14,110	3.5	491	9-67	35	787	19
23-36-0308	6293110	1411026	11 12 64	5	15,545	537	305	2	20,165	3.3	668	12-67	40	617	22
23-36-0313	5369917	1352660	4 24 61	7	15,915	589	305	4	19,552	3.7	720	10-67	35	598	20
23-36-0316	6054722	1199324	11 21 63	17	15,366	535	296	3	16,933	3.6	606	9-67	42	735	25
23-36-0318	6276016	1320310	8 12 64	20	14,630	569	305	1	15,060	4.0	599	10-67	35	763	22
23-36-0318	5798249	1399824	3 10 63	14	14,253	562	302	3	16,300	4.4	720	11-67	42	587	34
23-36-0320	6530829	1347940	4 1 65	17	14,740	586	305	1	21,300	3.9	823	8-67	36	1028	37
23-36-0321	5758442	1199324	8 7 62	19	14,702	531	288	4	15,302	3.4	521	10-67	44	610	16
23-36-0321	5820984	1359776	9 6 62	10	15,500	572	303	3	22,146	3.8	841	4-67	42	926	31
23-36-0326	5761309	1234506	9 21 62	21	16,737	640	301	4	22,052	3.4	753	10-67	43	1086	20
23-36-0326	5279759	1154946	3 4 61	15	16,502	622	305	4	19,775	4.4	861	7-67	44	633	35
23-36-0326	6231912	1239242	9 9 64	16	17,175	655	301	2	21,430	3.9	840	1-68	40	757	30
23-36-0327	6305123	1320310	4 25 65	9	15,180	575	296	1	16,780	3.5	579	1-68	35	855	20
23-36-0328	6525856	1320310	6 9 65	13	14,540	549	277	1	17,860	3.4	601	9-67	35	980	24
23-36-0328	6423954	1239242	10 13 65	14	15,260	575	305	1	20,440	3.9	788	11-67	36	706	27
23-36-0347	5972013	1427615	10 6 63	7	15,770	611	305	2	21,330	3.5	755	3-68	40	1133	27
23-36-0348	6418845	1320310	8 15 65	7	14,530	552	305	1	17,430	3.5	603	8-67	35	995	24
23-36-0348	6418846	1320310	9 1 65	7	14,530	552	305	1	15,430	3.7	564	8-67	35	844	21
23-36-0364	6516627	1320310	11 11 65	12	12,370	450	305	1	12,220	3.5	427	7-67	35	749	18
23-36-0364	6516626	1320310	9 13 64	14	12,910	468	267	1	13,130	3.4	445	9-67	35	734	18
23-36-0366	5577780	1350190	11 12 61	12	14,750	469	305	2	19,765	3.1	618	11-67	40	719	17
23-36-0378	6603292	1320310	11 25 65	25	14,030	534	305	1	16,610	3.8	639	2-68	35	921	27
23-36-0378	6626608	1414231	5 13 65	37	13,920	522	305	1	20,680	3.5	721	11-67	27	790	22
23-36-0378	6615528	1320310	8 4 65	37	14,070	527	305	1	15,180	3.4	516	11-67	35	810	19
23-36-0386	6303479	1347940	6 3 65	21	14,570	555	305	1	17,110	3.9	669	11-67	36	728	28
23-36-0388	6366347	1347940	6 4 65	10	12,190	477	305	1	18,020	3.8	689	9-67	36	955	35
23-36-0388	5319679	1347940	4 23 61	7	14,552	542	294	4	19,577	3.6	704	5-67	44	1105	37
23-36-0389	6527185	1386406	12 20 65	13	14,940	609	305	1	19,660	3.7	726	12-67	35	744	25
23-36-0392	5647375	1372876	9 14 62	28	14,720	538	224	4	16,770	3.7	620	12-67	35	591	21
23-36-0408	5996498	1398216	7 20 63	29	15,260	597	305	3	17,446	3.7	649	10-67	41	622	15
23-36-0411	5954393	1199324	7 29 62	10	14,215	530	305	2	14,485	3.6	524	4-67	40	586	17
23-36-0413	6548801	1347940	1 23 66	9	15,730	628	305	1	18,860	3.7	692	4-68	36	721	23
23-36-0417	6272199	1320310	1 2 65	19	16,690	623	290	2	16,505	3.9	644	10-67	40	690	22
23-36-0417	6187726	1320310	10 11 64	15	15,670	582	299	2	18,225	3.6	654	7-67	40	1004	27
23-36-0424	6230640	1320310	10 17 64	7	14,375	528	305	2	20,250	3.6	731	4-68	40	1285	39

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TABLE 5.—HIGH-RANKING PROGENY OF DHIA SIRE: HOLSTEIN—Continued

COW'S LAST HERD CODE	COW'S REGISTRATION NO.	COW'S SIRE REGISTRATION NO.	COW'S BIRTH DATE (Mo.) (Day) (Yr.)	HERDMATES			AVERAGE PRODUCTION OF COW					LAST CALVING		REPEAT- ABILITY (Pct.)	COW INDEX	
				NUM- BER	MILK (Lb.)	FAT (Lb.)	IN MILK (Days)	REC- ORDS	MILK (Lb.)	FAT (Pct.)	FAT (Lb.)	(No.) (Yr.)	CAR		MILK	FAT
23-36-0427	6366596	1300014	8 10 65	20	15,410	611	305	1	20,970	3.7	766	10-67		36	759	14
23-36-0428	6342300	1320310	1 13 65	9	15,845	587	304	2	21,265	3.5	751	4-68		40	1253	36
23-36-0428	6178532	1320310	11 21 64	5	15,335	570	305	2	18,360	4.4	814	4-68		40	1004	44
23-36-0428	6433206	1441440	12 4 65	16	17,140	641	302	1	22,680	3.3	741	12-67		35	754	22
23-36-0428	5914370	1316590	10 31 63	18	15,890	577	296	2	21,855	3.2	702	11-66		40	676	17
23-36-0430	6234013	1337741	9 12 64	9	12,610	475	305	2	15,630	3.5	553	7-67		40	730	24
23-36-0436	6399833	1320310	4 23 65	29	12,090	457	295	1	14,770	3.9	573	7-67		35	960	28
23-36-0436	6349429	1320310	2 7 65	29	12,090	457	284	1	13,730	4.4	598	7-67		35	881	30
23-36-0436	6277666	1320310	9 14 64	29	12,090	457	305	1	14,230	3.9	553	7-67		35	919	27
23-36-0436	6277667	1320310	10 1 64	29	12,090	457	305	1	16,590	3.5	581	7-67		35	1097	29
23-36-0436	6277665	1320310	7 18 64	33	12,220	457	305	1	13,110	4.0	521	6-67		35	825	24
23-36-0436	6277668	1320310	11 10 64	33	12,220	457	305	1	14,850	3.0	445	6-67		35	957	19
23-36-0440	6508004	1337741	10 25 64	19	11,810	419	305	1	15,810	3.5	560	7-67		35	748	27
23-36-0443	5708790	1222994	11 25 62	10	17,066	652	300	3	20,760	4.1	844	3-67		42	797	36
23-36-0446	5400557	1199324	9 1 61	20	12,623	459	299	3	16,916	3.4	575	7-67		42	1017	30
23-36-0448	6469210	1320310	3 24 65	13	14,920	569	297	1	19,390	4.0	775	12-67		35	1070	35
23-36-0448	6710007	1320310	2 5 66	7	14,010	550	279	1	13,600	3.7	503	4-68		35	695	17
23-36-0448	6250224	1239242	5 5 66	21	13,605	507	305	2	17,565	3.4	598	10-67		40	691	19
23-36-0451	6506724	1320310	1 6 65	11	12,740	482	305	1	15,420	3.6	561	3-68		35	918	25
23-36-0454	6277899	1320310	2 19 65	15	12,140	436	278	1	15,200	3.5	536	10-67		35	943	26
23-36-0458	6166950	1320310	9 10 64	16	12,290	463	305	1	16,770	3.8	631	6-67		35	1097	32
23-36-0458	6166945	1329588	1 8 64	17	12,200	469	305	3	15,716	3.6	571	1-68		42	627	18
23-36-0462	6435412	1337741	5 22 65	14	12,260	472	275	1	14,160	3.7	528	1-68		35	590	19
23-36-0469	4902315	1060259	5 13 59	21	13,648	502	299	6	16,058	3.6	576	11-67		44	665	19
23-36-0469	4902316	1060259	6 6 59	16	14,251	516	304	6	17,468	4.1	724	10-67		44	777	36
23-36-0469	5698360	1222994	12 12 62	22	14,036	505	304	3	18,266	3.9	705	9-67		42	824	35
23-36-0471	6544488	1320310	3 15 65	11	13,460	519	305	1	15,850	3.6	564	1-68		35	902	23
23-36-0474	6267396	1303198	2 11 65	10	16,250	601	284	2	21,815	3.4	739	1-68		40	833	24
23-36-0478	6126983	1404788	6 3 62	13	19,922	762	305	4	24,217	3.5	853	3-68		36	946	30
23-36-0495	6106064	1320310	6 18 64	8	15,360	577	305	2	15,885	3.9	616	9-67		40	749	23
23-36-0495	6566541	1320310	7 18 65	11	15,440	581	305	1	17,020	3.3	558	7-67		35	902	19
23-36-0498	5761695	1402118	10 28 62	8	17,450	668	305	3	22,840	3.5	793	8-67		34	794	18
23-36-0509	4586879	1209458	1 22 56	11	13,860	536	305	3	18,723	3.8	718	10-67		37	743	33
23-36-0529	1551868C	262612C	1 21 60	7	11,233	415	305	3	17,386	3.4	583	4-68		41	749	16
23-36-0531	6452272	1320310	10 7 65	7	14,750	566	305	1	16,100	3.7	598	1-68		35	833	22
23-36-0531	6161743	1337741	8 19 64	13	13,945	551	305	2	19,905	3.5	705	9-67		40	1041	31
23-36-0531	6257932	1337741	11 18 64	8	14,410	549	305	2	16,395	4.2	681	1-68		40	594	28
23-36-0536	6333551	1337741	8 1 64	35	16,270	603	305	2	19,655	3.6	714	10-67		40	802	27
23-36-0536	6516824	1320310	7 31 65	40	16,410	607	305	1	18,620	3.9	718	10-67		35	911	29
23-36-0537	6428908	1417208	9 23 65	16	12,860	465	305	1	20,540	3.0	626	11-67		35	924	27
23-36-0541	6189686	1320310	12 30 64	14	13,760	492	305	1	19,130	3.3	625	7-67		35	1175	30
23-36-0546	6381982	1337741	5 17 65	13	14,130	533	305	1	15,820	3.4	545	8-67		35	591	18
23-36-0546	5808513	1283917	9 15 62	10	15,727	590	305	4	20,027	3.3	659	11-67		44	852	10
23-36-0550	6592757	1337741	5 18 65	13	12,020	469	305	1	14,780	3.6	526	7-67		35	656	21
23-36-0550	6377197	1320310	8 18 64	16	12,185	469	305	2	13,935	3.5	490	9-67		40	841	20

23-36-0550	6286598	1337741	6	8	64	13	12,015	473	305	2	16,645	3.3	557	9-67	40	885	23
23-36-0557	6465568	1347940	9	23	65	13	13,220	480	305	1	16,380	4.1	672	9-67	36	764	33
23-36-0559	6388765	1320310	7	16	65	17	13,750	517	305	1	14,710	3.9	568	10-67	35	796	23
23-36-0560	6122131	1337741	8	10	64	19	15,860	602	304	2	18,690	3.4	631	2-68	40	695	18
23-36-0564	6202121	1320310	12	12	64	32	15,115	546	301	2	16,130	3.6	576	12-67	40	796	22
23-36-0564	5811944	1399824	4	18	63	26	14,696	524	301	3	16,856	3.3	555	11-67	42	606	18
23-36-0566	6394583	1347940	10	17	65	17	14,760	554	305	1	16,730	3.9	650	10-67	36	687	26
23-36-0566	6394584	1347940	11	6	65	17	14,760	554	305	1	16,070	4.2	672	10-67	36	637	28
23-36-0577	5702598	1199324	10	6	62	13	15,755	578	303	4	16,612	3.9	644	9-67	44	655	26
23-36-0579	6234845	1320310	10	9	64	19	14,625	559	293	2	20,385	3.5	722	11-67	40	1275	36
23-36-0581	6172768	1320310	6	3	64	5	12,385	460	305	2	17,075	3.5	596	7-67	40	1143	32
23-36-0587	6140256	1320310	9	24	64	13	14,345	549	305	2	14,655	3.7	549	9-67	40	761	19
23-36-0587	6427551	1320310	8	19	65	20	13,950	541	249	1	12,990	3.6	469	9-67	35	653	15
23-36-0587	6427553	1320310	9	30	65	12	13,850	542	305	1	17,760	3.2	564	8-67	35	1066	22
23-36-0587	6427552	1320310	9	25	65	20	13,950	541	305	1	16,600	3.3	549	9-67	35	925	20
23-36-0587	6338552	1320310	3	29	65	16	15,160	574	305	1	14,580	3.7	546	11-67	35	691	18
23-36-0599	6282882	1320310	10	29	64	5	16,800	658	305	1	19,160	4.0	763	4-68	35	925	28
23-36-0599	6143790	1337741	7	28	64	8	16,095	608	301	2	19,255	3.6	695	10-67	40	777	24
23-36-0599	5686133	1399824	10	31	62	13	16,376	613	305	3	21,356	3.4	736	1-68	42	911	29
23-36-0601	5592301	1199324	1	8	61	10	14,517	518	305	4	20,847	3.3	688	3-67	44	1315	38
23-36-0601	6240096	1320310	12	26	64	13	14,860	542	305	1	21,840	3.4	753	12-67	35	1259	36
23-36-0603	6100912	1199324	11	11	63	6	15,295	584	305	2	16,020	4.7	745	6-67	40	644	35
23-36-0604	6472287	1347940	12	19	65	10	15,140	584	305	1	19,600	4.0	782	12-67	36	875	34
23-36-0608	6025819	1294703	12	7	63	10	14,790	556	305	2	18,160	3.0	548	6-67	40	767	9
23-36-0609	5703660	1382322	8	3	62	13	15,145	576	305	2	21,790	3.6	782	8-67	32	590	25
23-36-0611	6441604	1347940	7	31	65	17	15,590	598	305	1	18,320	3.8	701	10-67	36	749	27
23-36-0618	6474841	1347940	8	7	65	12	13,660	508	305	1	17,740	3.5	620	10-67	36	836	27
23-36-0618	6474842	1347940	10	19	65	12	13,660	508	305	1	15,600	3.6	563	10-67	36	675	23
23-36-0618	5381250	1199324	2	28	61	8	14,650	552	294	5	17,764	3.7	661	3-67	44	931	31
23-36-0619	6174350	1320310	12	13	64	14	13,420	507	293	2	16,460	3.9	637	12-67	40	986	32
23-36-0619	6174349	1320310	9	15	64	12	13,040	495	298	2	14,240	3.5	495	10-67	40	794	18
23-36-0625	6530519	1320310	7	31	65	14	13,090	498	305	1	17,690	3.5	617	6-67	35	1112	29
23-36-0643	6003550	1283917	8	30	63	8	14,165	528	305	2	19,085	3.3	634	3-68	40	818	11
23-36-0644	6497375	1119686	2	26	66	17	15,880	588	305	1	24,430	3.1	756	12-67	36	649	21
23-36-0644	6497377	1320310	1	14	66	16	16,360	594	305	1	18,320	3.9	716	12-67	35	891	29
23-36-0644	6221002	1320310	11	18	64	28	14,640	577	305	1	13,720	3.9	531	10-67	35	661	17
23-36-0644	5851532	1399824	2	10	63	17	15,622	590	303	4	18,142	4.3	780	4-68	43	630	38
23-36-0653	6208782	1320310	9	11	64	36	15,310	554	299	2	15,230	3.5	533	8-67	40	732	18
23-36-0653	6191747	1320310	9	2	64	24	14,855	545	305	2	15,960	3.4	542	6-67	40	848	19
23-36-0653	6191884	1320310	10	8	64	28	14,690	547	305	1	16,390	3.8	615	8-67	35	905	25
23-36-0653	6191886	1320310	11	10	64	22	16,275	583	305	2	22,865	3.2	742	1-68	40	1377	35
23-36-0653	6191883	1320310	10	5	64	28	14,690	547	305	1	18,940	3.4	642	8-67	35	1098	27
23-36-0653	6191746	1337741	8	27	64	36	15,430	555	305	2	16,785	3.4	577	7-67	40	589	19
23-36-0653	6162172	1337741	8	22	64	45	15,370	560	295	1	16,970	3.6	608	8-67	35	591	19
23-36-0653	6311572	1320310	3	23	65	29	14,660	548	300	1	20,240	3.5	701	6-67	35	1198	32

TABLE 5.—HIGH-RANKING PROGENY OF DHIA Sires: HOLSTEIN—Continued

COW'S LAST HERD CODE	COW'S REGISTRATION NO.	COW'S SIRE REGISTRATION NO.	COW'S BIRTH DATE (Mo.) (Day) (Yr.)	HERDMATES			AVERAGE PRODUCTION OF COW					LAST CALVING		REPEAT- ABILITY (Pct.)	COW INDEX	
				NUM- BER	MILK (Lb.)	FAT (Lb.)	IN MILK (Days)	REC- ORDS	MILK (Lb.)	FAT (Pct.)	FAT (Lb.)	(Mo.) (Yr.)	CAR		MILK	FAT
23-36-0653	6365897	1320310	9 27 64	33	15,210	550	298	2	17,900	3.3	596	8-67		40	1013	24
23-36-0657	6662773	1441440	4 23 65	7	10,710	427	305	1	15,810	3.3	521	9-67		35	671	20
23-36-0659	6320083	1337741	8 26 64	8	14,755	554	305	2	19,630	3.4	668	9-67		40	938	27
23-36-0665	6593154	1320310	1 12 66	9	13,190	501	258	1	15,020	3.6	542	2-68		35	858	22
23-36-0670	6272882	1320310	11 8 64	12	14,960	589	305	1	22,630	3.7	832	5-67		35	1358	39
23-36-0670	6226563	1320310	7 1 64	13	14,230	540	305	1	19,920	3.1	626	12-67		35	1157	26
23-36-0673	5225552	1347940	12 1 60	12	15,862	586	305	5	18,832	3.4	640	12-67		44	879	25
23-36-0679	6480610	1320310	5 13 65	19	12,460	473	300	1	16,560	3.6	604	7-67		35	1070	30
23-36-0679	6199067	1337741	10 31 64	23	14,235	544	304	2	16,325	3.8	620	10-67		40	649	23
23-36-0679	6385104	1399824	7 24 65	26	13,700	519	305	1	17,190	3.7	630	10-67		35	639	24
23-36-0684	5353421	1199324	6 18 61	11	14,017	539	305	4	16,397	3.7	606	2-67		44	821	25
23-36-0688	6324516	1320310	5 6 65	20	13,770	529	305	1	14,190	3.5	501	6-67		35	802	19
23-36-0688	6162154	1399824	10 3 64	6	15,415	541	288	2	18,620	3.7	685	2-68		40	655	29
23-36-0699	6242263	1320310	9 24 64	5	10,560	353	305	1	12,600	3.1	391	5-67		35	900	22
23-36-0702	5414758	1199324	4 4 61	10	15,364	554	300	5	19,284	3.4	662	10-67		44	1044	31
23-36-0705	6306752	1337741	8 16 64	9	14,400	521	295	2	16,920	3.3	551	8-67	8	40	698	19
23-36-0710	6731665	1320310	7 16 65	7	13,880	524	305	1	14,750	3.4	497	6-67		35	836	19
23-36-0717	5848892	1199324	1 18 63	19	13,240	514	302	3	15,813	3.4	539	9-67		42	826	20
23-36-0717	5690079	1259069	10 30 62	14	13,020	509	305	1	18,520	3.7	684	12-67		36	632	17
23-36-0721	6493536	1347940	2 13 66	5	15,760	587	305	1	16,450	3.4	563	1-68		36	599	18
23-36-0721	6493533	1329588	11 2 65	13	15,760	579	305	1	20,330	3.4	687	1-68		36	621	15
23-36-0721	6213422	1417208	10 22 64	12	15,595	564	305	2	19,800	3.7	741	1-68		40	801	33
23-36-0721	5911912	1199324	10 17 63	7	14,806	551	302	3	18,633	3.7	688	8-67		42	989	33
23-36-0728	6520387	1239242	12 3 65	11	14,140	524	305	1	19,960	3.5	705	2-68		36	746	24
23-36-0728	5704048	1399824	12 23 62	7	14,513	535	289	3	17,670	3.5	625	8-67	7	41	712	24
23-36-0728	6255434	1239242	2 12 64	10	15,360	534	305	3	18,093	3.6	660	11-67		42	613	25
23-36-0728	6368150	1320310	7 7 65	12	13,650	510	243	1	14,870	3.3	484	9-67		35	815	18
23-36-0730	6539656	2761640	4 10 64	5	12,340	463	302	1	16,840	3.5	594	7-67		26	587	18
23-36-0732	5731771	1295523	1 8 63	9	13,765	543	293	2	16,765	3.9	653	3-67		36	721	28
23-36-0732	5976434	1199324	6 23 63	5	13,533	522	304	3	15,636	3.6	558	6-67		42	776	21
23-36-0732	6126540	1199324	6 2 64	11	13,325	507	305	2	18,025	3.6	647	9-67		40	1027	32
23-36-0734	5954714	1316590	9 1 62	11	11,750	449	305	2	17,245	3.6	622	9-66		40	586	21
23-36-0742	5923887	1210455	11 10 63	14	15,225	558	198	2	21,600	3.5	762	3-68	F	34	816	30
23-36-0744	5778942	1399824	12 17 62	7	14,170	530	305	2	19,230	3.7	721	5-67		39	875	34
23-36-0749	5485588	1199324	12 21 61	10	15,290	554	305	4	18,352	3.6	656	4-67		44	921	30
23-36-0752	5093786	1276665	1 10 59	30	14,853	540	240	3	18,740	3.8	708	1-68	F	32	615	26
23-36-0754	6481395	1320310	9 22 65	6	14,890	568	305	1	19,200	3.5	666	8-67		35	1104	28
23-36-0754	6120647	1314369	3 11 64	10	15,610	606	305	2	22,285	3.4	754	11-67		38	799	19
23-36-0759	5804079	1399824	11 5 62	19	15,632	561	285	4	18,220	3.2	576	2-68		43	639	15
23-36-0763	6380083	1316590	11 4 63	6	13,240	506	282	2	18,890	3.5	663	3-67		40	617	20
23-36-0764	6440977	1309574	10 9 65	9	17,170	608	305	1	22,450	3.7	823	11-67		34	713	32
23-36-0766	6417102	1347940	10 2 65	8	14,710	545	305	1	21,670	3.7	793	11-67		36	1058	38
23-36-0770	6331181	1242221	5 26 65	5	16,610	620	305	1	16,370	3.3	540	2-68		33	664	18
23-36-0770	5869048	1392774	2 8 63	8	14,885	551	305	2	19,135	3.8	725	12-67		40	596	25
23-36-0771	6257795	1296729	10 16 64	6	14,190	537	305	1	20,380	3.3	682	4-67		36	774	12

23-36-0775	6250543	1320310	9 17 64	10	14,245	515	305	2	15,705	3.6	570	11-67	40	833	24
23-36-0775	6483981	1320310	6 13 65	8	15,390	551	305	1	18,410	3.4	629	12-67	35	964	26
23-36-0778	6403026	1320310	11 8 65	17	14,680	528	305	1	14,310	3.8	548	11-67	35	703	20
23-36-0778	6174578	1358005	11 14 64	7	14,465	537	303	2	19,645	3.2	637	1-68	39	989	13
23-36-0780	6388770	1441440	6 12 65	17	16,610	650	305	1	21,040	3.2	667	11-67	35	665	15
23-36-0783	6607057	1386406	12 3 65	6	16,830	582	305	1	19,800	3.6	705	12-67	35	626	25
23-36-0784	5875906	1384832	4 22 63	6	14,590	534	305	2	20,235	3.5	699	10-67	30	853	25
23-36-0787	5887608	1386406	4 14 63	14	14,630	532	305	3	18,073	3.9	696	11-67	42	755	33
23-36-0788	6383122	1320310	4 20 65	16	12,190	475	291	1	10,710	4.3	460	6-67	35	601	18
23-36-0788	6180708	1337741	9 23 64	22	13,420	518	303	2	16,125	3.4	541	9-67	40	703	17
23-36-0789	6325797	1337741	2 18 65	17	13,260	491	305	1	17,920	3.5	634	8-67	35	809	28
23-36-0790	6550665	1416286	8 4 65	44	12,070	453	305	1	18,290	3.4	620	10-67	24	748	15
23-36-0790	5324032	1334179	9 24 60	40	14,650	507	305	4	17,735	3.3	583	9-67	35	616	16
23-36-0799	6019137	265499C	6 8 59	12	16,027	573	252	4	21,720	3.0	641	6-67	35	1054	15
23-36-0802	5494197	1377954	7 5 61	20	16,252	633	282	5	20,310	3.8	770	7-67	36	785	29
23-36-0802	6358955	1347940	8 15 65	20	15,870	585	305	1	18,600	3.3	615	8-67	36	751	22
23-36-0813	6644851	1337741	5 17 64	13	15,340	570	305	1	17,500	4.0	693	10-67	35	633	25
23-36-0814	6391356	1320310	4 5 65	13	13,690	511	305	1	12,830	3.8	493	5-67	35	705	19
23-36-0814	6240095	1320310	11 26 64	12	14,235	535	305	2	15,165	3.9	593	11-67	40	779	25
23-36-0817	6474837	1398216	1 22 65	8	12,850	480	305	1	15,800	3.7	581	8-67	35	603	16
23-36-0817	6298C54	1320310	1 23 65	14	13,350	504	302	1	15,340	3.5	534	9-67	35	871	22
23-36-0819	6364893	1337741	8 1 65	12	13,920	529	297	1	16,270	3.7	599	11-67	35	636	21
23-36-0819	6480463	1320310	11 22 65	10	14,370	521	305	1	19,070	3.4	655	2-68	35	1083	30
23-36-0829	6286202	1320310	2 9 65	29	14,910	544	305	1	17,750	3.6	631	12-67	35	947	26
23-36-0829	6273527	1347940	4 16 63	14	14,990	548	285	1	16,860	3.9	651	1-68	36	681	27
23-36-0831	6429394	1309574	12 8 65	5	15,110	530	305	1	20,680	3.1	646	9-67	34	719	24
23-37-0004	6485411	1320310	11 12 65	27	13,370	490	284	1	12,770	3.4	440	3-68	35	676	16
23-37-0004	6485412	1320310	11 16 65	27	14,370	528	278	1	16,070	3.3	533	12-67	35	857	20
23-37-0004	5973015	1415405	8 27 63	29	12,976	496	301	3	16,980	3.5	593	3-68	42	697	17
23-37-0006	5847746	1300014	2 1 63	5	13,870	535	305	3	17,203	3.8	657	9-67	42	687	16
23-37-0012	6038471	1415405	3 2 64	7	15,545	594	305	2	19,410	3.8	731	12-67	40	691	21
23-37-0012	6411178	1309574	11 26 65	5	16,880	621	305	1	22,420	4.0	893	11-67	34	731	37
23-37-0064	5774713	1300014	1 23 63	5	16,680	649	305	4	18,787	4.3	799	2-68	44	591	22
23-37-0064	6372069	1300014	5 14 65	12	14,830	604	305	1	21,290	3.8	818	10-67	36	822	19
23-38-0004	6387960	1320310	8 7 65	18	11,390	443	305	1	15,960	3.5	561	2-68	35	1051	28
23-38-0011	5539561	1199324	11 15 61	6	12,457	511	305	4	14,720	3.6	524	2-67	44	788	18
23-38-0011	5927943	1199324	12 13 62	5	12,556	512	305	3	14,816	3.7	555	3-67	42	783	22
23-38-0014	6306601	1337741	5 17 64	28	13,805	570	298	2	15,830	4.2	660	10-67	40	638	24
23-38-0017	6304420	1378123	1 11 65	16	15,740	628	305	2	20,645	3.8	776	4-68	30	659	21
23-38-0017	5074655	1378123	11 11 63	23	15,603	623	296	3	19,586	3.6	707	1-68	33	608	15
23-38-0019	5815444	1378123	10 22 62	26	15,740	621	305	4	20,420	3.8	770	1-68	35	749	25
23-38-0019	5663590	1199324	11 3 62	25	15,406	588	291	3	20,760	4.0	840	12-67	42	1171	47
23-38-0019	5977434	141026	8 9 63	36	15,965	604	305	2	20,830	4.0	828	9-67	40	647	32
23-38-0019	5401289	1358005	6 29 61	37	16,036	605	305	5	21,138	3.5	738	2-68	43	1077	20
23-38-0019	5169399	1358005	8 9 64	30	15,310	586	305	2	18,150	3.4	625	10-67	39	756	6

TABLE 5.—HIGH-RANKING PROGENY OF DHIA Sires: HOLSTEIN—Continued

COW'S LAST HERD CODE	COW'S REGISTRATION NO	COW'S SIRE REGISTRATION NO.	COW'S BIRTH DATE (Mo.) (Day) (Yr.)	HERDMATES			AVERAGE PRODUCTION OF COW						LAST CALVING		REPEAT- ABILITY (Pct.)	COW INDEX	
				NUM- BER	MILK (Lb.)	FAT (Lb.)	IN MILK (Days)	REC- ORDS	MILK (Lb.)	FAT (Pct.)	FAT (Lb.)	(Mo.) (Yr.)	CAR	MILK		FAT	
23-38-0019	6169401	1358005	10 24 64	37	16,350	614	300	2	21,425	3.5	740	2-68	39	39	958	15	
23-38-0021	5955891	1199324	9 1 62	10	13,627	509	295	4	16,205	3.4	559	8-67	44	44	841	23	
23-38-0023	6172417	1320310	11 17 64	26	16,185	597	291	2	19,525	3.3	643	11-67	40	40	1044	24	
23-38-0023	6241286	1337741	12 24 64	19	16,200	601	305	2	19,995	3.6	728	2-68	40	40	797	28	
23-38-0023	6319867	1337741	3 31 65	19	13,080	507	305	1	17,930	4.3	768	7-67	35	35	822	37	
23-38-0029	6245665	1337741	8 30 64	14	15,685	592	305	2	17,445	3.9	685	9-67	40	40	630	25	
23-38-0029	5872787	1399824	2 2 63	14	15,880	598	305	1	18,710	3.9	723	9-67	35	35	606	26	
23-38-0030	6405741	1320310	12 26 64	20	15,020	584	305	1	18,760	3.9	737	2-68	35	35	1016	31	
23-38-0030	6405742	1320310	2 25 65	19	13,360	534	305	1	13,510	4.0	547	8-67	35	35	778	21	
23-38-0039	5475356	1320310	8 21 61	22	15,334	538	298	5	16,034	3.5	559	11-67	44	44	744	20	
23-38-0039	5475359	1320310	10 7 61	11	15,802	550	275	4	16,387	3.3	541	6-67	43	43	784	18	
23-38-0039	5475357	1320310	9 1 61	25	15,694	553	305	5	17,896	3.1	558	12-67	44	44	944	18	
23-38-0039	5862272	1320310	1 18 63	18	15,106	544	305	3	17,010	3.8	649	12-67	42	42	894	31	
23-38-0039	5712187	1320310	9 2 62	22	15,332	546	305	4	18,157	3.2	590	1-68	43	43	1013	23	
23-38-0039	5712191	1320310	11 18 62	17	15,063	532	272	3	15,453	3.3	512	10-67	42	42	717	16	
23-38-0039	5712186	1320310	8 29 62	10	14,896	529	299	3	15,973	3.5	565	8-67	42	42	840	23	
23-38-0039	5712181	1320310	7 22 62	21	15,602	553	305	4	14,920	3.6	536	3-68	43	43	580	16	
23-38-0039	5712183	1320310	8 5 62	14	14,690	521	304	3	15,640	3.4	532	10-67	43	43	771	19	
23-38-0039	5621718	1320310	2 15 62	9	14,715	525	303	4	17,200	3.4	589	8-67	43	43	1007	26	
23-38-0039	6220784	1320310	9 15 64	29	15,505	559	305	2	19,140	3.4	647	2-68	40	40	1068	28	
23-38-0045	6223243	1239242	7 28 64	18	16,935	633	297	2	19,670	3.6	714	2-68	40	40	600	19	
23-38-0052	5869438	1320310	7 7 63	5	15,910	572	305	2	18,195	3.5	643	12-67	40	40	934	26	
23-38-0052	6644533	1320310	11 22 64	6	16,090	599	305	1	20,190	3.3	675	5-67	35	35	1097	26	
23-38-0053	5708089	1399824	9 30 62	31	15,782	597	305	4	19,532	4.0	772	11-67	43	43	827	37	
23-38-0053	6100473	1337741	6 11 64	31	15,575	586	305	2	19,600	3.6	714	10-67	40	40	860	28	
23-38-0053	6439428	1347940	11 16 65	22	16,200	616	294	1	16,930	3.4	574	12-67	36	36	605	17	
23-38-0053	6246230	1436081	10 2 64	31	15,550	587	305	2	21,765	3.9	857	11-67	40	40	690	33	
23-38-0086	5483628	1199324	8 10 61	17	14,592	542	303	5	17,904	3.6	641	9-67	44	44	956	30	
23-38-0111	5342676	1199324	3 29 61	17	12,602	485	305	4	14,385	3.8	548	8-67	44	44	730	24	
23-38-0111	5777191	1199324	8 29 62	22	13,190	506	303	4	14,072	3.8	531	11-67	44	44	626	20	
23-38-0117	4749993	1285766	8 29 58	16	13,997	509	302	7	19,247	3.7	721	1-68	36	36	901	35	
23-38-0117	6258261	1340669	1 4 65	20	14,630	551	302	2	19,205	3.4	656	2-68	40	40	748	11	
23-38-0117	6383276	1347940	8 15 65	30	12,310	460	305	1	15,250	3.7	567	9-67	36	36	741	27	
23-38-0122	6421292	1438758	9 8 65	70	15,380	545	305	1	21,230	3.2	675	10-67	33	33	903	16	
23-38-0122	6491731	1330987	9 16 65	24	16,830	594	305	1	21,340	3.5	745	3-68	36	36	678	30	
23-38-0123	6686079	1320310	8 12 65	14	13,740	504	279	1	13,880	3.5	479	8-67	35	35	780	19	
23-38-0129	6452683	1441440	9 8 65	15	12,240	477	305	1	16,280	3.6	583	7-67	35	35	601	21	
23-38-0157	6527061	1347940	1 6 66	29	15,130	585	305	1	19,120	3.6	686	1-68	36	36	781	25	
23-38-0172	6512951	1347940	10 30 65	11	13,890	500	305	1	18,390	3.5	645	12-67	36	36	869	30	
23-38-0173	5771730	1199324	3 8 63	17	14,156	521	297	3	17,980	3.7	669	5-67	42	42	981	34	
23-38-0173	6173370	1329588	7 5 64	26	13,715	515	305	2	17,920	3.4	603	11-67	40	40	676	15	
23-38-0174	5914100	1329588	10 30 63	8	15,203	533	305	3	19,430	3.5	680	9-67	42	42	744	24	
23-38-0179	6437037	1347940	8 29 65	7	13,870	509	305	1	17,040	3.7	631	12-67	36	36	769	28	
23-38-0183	6959742	1331709	2 9 66	14	16,160	590	305	1	20,900	3.6	756	2-68	34	34	751	19	
23-38-0187	6788722	1320310	2 20 66	11	16,600	585	305	1	17,890	3.5	619	3-68	35	35	843	22	

23-38-0187	5797420	1341706	1 20 63	12 15,647	545	300	4	20,105	3.5	701	3-68	35	742	27
23-38-0187	6264874	1320310	10 4 64	18 14,985	541	279	2	16,605	3.8	628	10-67	40	857	28
23-38-0196	6343702	1337741	11 30 64	27 12,180	462	305	1	14,000	4.2	582	5-67	35	586	26
23-38-0196	6343694	1320310	6 9 64	13 12,150	457	305	1	17,620	3.7	657	8-67	35	1171	35
23-38-0196	5703786	1316590	9 18 62	15 13,363	490	305	3	19,753	3.3	642	5-67	42	778	21
23-38-0198	6299329	1320310	1 9 65	8 12,515	462	281	2	14,015	3.7	522	3-68	40	819	24
23-38-0198	6493928	1320310	9 27 65	13 13,580	513	305	1	15,720	4.1	639	1-68	35	884	29
23-38-0206	6121229	1199324	7 31 64	19 13,515	510	305	2	18,535	3.4	623	8-67	40	1061	29
23-38-0212	6332414	1441440	4 21 65	14 13,730	511	305	1	17,500	3.8	660	4-67	35	592	24
23-38-0214	6050940	1199324	10 27 63	22 13,180	509	302	3	15,133	4.1	618	10-67	42	754	30
23-38-0217	6020793	1399824	3 24 63	10 14,980	555	305	2	19,075	3.9	745	12-67	40	784	35
23-38-0218	4726503	1087974	10 4 58	13 14,832	539	305	5	16,996	3.7	628	8-67	44	635	25
23-38-0224	6509981	1417208	8 14 65	24 13,460	506	305	1	17,020	3.7	622	8-67	35	612	24
23-38-0224	6097919	1199324	8 5 63	20 14,210	525	305	3	15,373	3.6	559	9-67	42	675	21
23-38-0225	6491643	1415405	12 27 65	11 11,500	433	302	1	16,120	3.7	604	12-67	35	628	19
23-38-0240	6346660	1320310	7 10 65	36 16,830	624	292	1	18,900	3.5	665	12-67	35	903	23
23-38-0241	6054442	1259069	2 4 64	6 13,550	508	303	2	20,960	3.5	729	10-67	40	964	26
23-38-0242	6547484	1320310	6 8 65	16 18,250	658	305	1	23,220	3.4	784	12-67	35	1133	30
23-38-0242	6547483	1320310	3 16 65	15 18,480	665	305	1	21,300	3.3	709	2-68	35	972	24
23-38-0242	6547485	1320310	6 13 65	16 17,950	638	305	1	18,160	3.4	619	9-67	35	771	19
23-38-0242	6223908	1259069	3 14 64	17 16,080	596	305	1	22,270	3.7	824	8-67	36	706	22
23-39-0015	6192408	1358005	12 19 64	37 14,520	528	305	1	21,010	3.7	785	6-67	34	995	22
23-39-0015	5947229	1427615	11 12 63	36 15,265	555	305	2	19,470	3.8	731	6-67	40	1031	30
23-39-0015	6347457	1347940	6 17 65	28 15,340	576	305	1	17,660	3.7	658	11-67	36	717	26
23-39-0029	5813155	1390131	3 8 63	9 12,882	471	295	4	15,900	3.0	482	2-68	41	693	17
23-39-0029	6738890	1347940	3 16 66	8 13,480	514	305	1	16,800	3.6	602	2-68	36	718	24
23-39-0036	5925664	1358005	11 8 63	13 14,053	523	305	3	18,623	3.5	648	1-68	41	929	16
23-39-0036	5963511	1358005	11 6 63	13 14,573	553	299	3	17,930	3.4	617	2-68	41	793	9
23-39-0105	6448327	1347940	8 8 65	9 14,370	556	305	1	19,570	4.3	839	3-68	36	965	39
23-39-0106	6468055	1347940	9 5 65	11 15,010	590	305	1	21,800	3.8	820	10-67	36	1047	37
23-39-0107	6383967	1441440	9 21 65	39 13,660	524	305	1	17,490	3.7	639	10-67	35	596	22
23-40-0012	6496475	1321904	10 15 65	26 14,110	549	305	1	17,650	3.8	662	10-67	34	590	19
23-40-0012	5638188	1366933	4 8 62	19 14,522	530	303	4	19,622	4.2	818	1-68	35	870	52
23-40-0012	5667751	1366933	6 10 62	20 14,467	526	303	4	17,552	4.3	759	2-68	35	582	45
23-40-0012	6176797	1321904	7 15 64	29 14,560	578	305	1	18,640	3.5	660	9-66	32	638	16
23-40-0045	6471047	1347940	12 5 65	39 12,820	483	300	1	14,580	3.6	530	9-67	36	656	22
23-40-0045	6453082	1347940	11 6 65	32 12,770	481	302	1	14,160	3.7	529	8-67	36	628	22
23-40-0045	6413536	1417208	9 22 65	20 12,150	454	305	1	18,350	3.3	612	8-67	35	804	27
23-40-0045	5953367	1401112	4 26 63	27 13,890	526	303	3	19,586	3.8	749	9-67	34	1329	50
23-40-0045	5953368	1401112	5 17 63	17 13,673	523	291	3	14,846	4.1	614	7-67	34	729	32
23-40-0052	5953342	1343645	11 23 62	34 19,916	719	305	3	23,693	3.7	867	11-67	33	653	27
23-40-0052	5953324	1385195	3 29 63	32 19,166	701	305	3	25,256	3.5	878	2-68	33	773	24
23-40-0052	5953354	1401112	12 8 62	30 18,195	672	302	2	22,235	3.5	771	8-67	31	1132	34
23-40-0052	5953365	1401112	3 1 63	36 18,913	691	305	3	24,343	3.7	897	9-67	34	1161	50
23-40-0052	5953364	1401112	2 26 63	33 18,190	671	305	2	23,900	3.5	831	7-67	31	1327	42

TABLE 5.—HIGH-RANKING PROGENY OF DHIA SIRE: HOLSTEIN—Continued

COW'S LAST HERD CODE	COW'S REGISTRATION NO.	COW'S SIRE REGISTRATION NO.	COW'S BIRTH DATE (Mo.) (Day) (Yr.)	HERDMATES			AVERAGE PRODUCTION OF COW				LAST CALVING		REPEAT- ABILITY (Pct.)		COW INDEX	
				NUM- BER	MILK (Lb.)	FAT (Lb.)	IN MILK (Days)	REC- ORDS	MILK (Lb.)	FAT (Pct.)	(Mo.) (Yr.)	CAR			MILK	FAT
23-40-0052	5953352	1401112	12 7 62	41	18,782	689	304	4	24,657	3.4	4-68		35		1469	43
23-40-0052	6050788	1401112	1 10 63	37	18,430	678	305	4	22,950	3.5	4-68		35		1273	38
23-40-0052	6415945	1401112	9 1 65	33	19,240	702	305	1	24,260	3.6	10-67		26		1136	40
23-40-0052	5168216	1343645	9 20 60	43	18,925	692	296	6	22,088	3.5	4-68		36		613	18
23-40-0052	6207556	1401112	9 25 64	36	19,330	710	305	2	25,715	3.5	12-67		31		1420	45
23-40-0052	6207555	1401112	9 10 64	30	17,520	668	305	1	24,860	3.4	4-68		26		1322	40
23-40-0052	6207557	1434767	9 16 64	41	18,625	688	201	2	23,745	3.8	3-68		29		880	35
23-40-0052	6207551	1424725	10 18 64	36	19,110	703	305	2	25,685	3.5	12-67	G	29		1099	34
23-40-0052	6207549	1424725	8 25 64	30	19,965	729	305	2	23,380	3.7	11-67		29		727	28
23-40-0052	6117156	1401112	7 14 64	36	18,080	672	301	3	19,993	3.9	4-68		34		885	38
23-40-0052	6117168	1343645	7 11 64	32	18,910	693	305	2	25,165	3.6	8-67		30		874	32
23-40-0052	6117149	1401112	2 28 64	36	18,065	670	304	2	25,750	3.3	7-67		31		1557	45
23-40-0052	6336183	1434767	2 16 65	42	18,460	680	305	2	22,825	3.5	3-68		29		786	26
23-40-0052	6336181	1401112	3 29 65	32	18,280	671	305	1	20,280	3.3	8-67		26		864	23
23-40-0052	6336179	1401112	1 30 65	34	18,210	671	305	1	17,940	3.8	7-67		26		666	25
23-40-0064	6453942	1347940	12 4 65	9	14,680	582	305	1	18,020	3.8	12-67		36		788	27
23-40-0064	6453941	1347940	10 17 65	9	14,680	582	305	1	18,740	3.9	12-67		36		842	31
23-40-0100	6260230	1282185	12 2 64	9	14,720	563	305	2	22,360	3.2	1-68		40		904	19
23-40-0103	6153377	1419839	6 3 64	12	13,955	556	305	2	19,280	3.6	9-67		39		641	16
23-41-0008	5847524	1347940	10 24 62	7	13,440	481	256	4	14,770	3.7	1-68	B	44		635	24
23-41-0014	5955667	1347940	9 15 63	13	13,885	517	305	2	16,260	3.6	2-68		40		687	23
23-41-0021	5770030	1347940	12 23 62	14	14,600	539	227	3	17,543	3.6	12-67		42		834	29
23-41-0021	5770029	1347940	8 7 62	19	15,190	548	305	3	18,833	3.5	12-67	F	42		921	32
23-41-0021	6840319	1347940	9 5 65	19	14,590	535	305	1	19,220	3.4	11-67		36		883	28
23-41-0021	6840321	1347940	10 14 65	12	13,660	502	305	1	16,030	3.6	3-68		36		649	22
23-41-0021	6840320	1347940	9 19 65	21	14,420	527	305	1	17,350	3.4	10-67		36		756	24
23-41-0021	6608540	1347940	9 27 65	20	13,540	506	305	1	15,340	3.7	9-67		36		665	23
23-41-0021	6603451	1347940	9 19 65	12	15,400	565	305	1	18,120	3.6	12-67		36		747	26
23-41-0021	6373642	1347940	9 23 64	14	14,545	533	305	2	20,325	3.2	12-67		40		1096	31
23-41-0021	6426703	1347940	4 29 64	19	14,290	515	305	2	19,240	3.7	2-68		40		953	37
23-41-0021	5381143	1347940	3 28 61	29	15,135	542	305	2	17,510	3.9	5-67		40		756	32
23-41-0029	5532937	1347940	12 18 61	10	12,635	451	305	4	15,600	4.1	4-68		44		772	37
23-41-0029	5532939	1347940	3 8 62	9	12,512	449	299	5	14,814	3.7	2-68		44		695	28
23-41-0029	6127919	1347940	8 14 64	5	13,270	502	305	2	14,510	3.7	1-68		40		622	21
23-41-0046	6242193	1347940	10 5 64	7	13,455	484	305	2	16,585	3.6	1-68		40		816	29
23-41-0046	6273723	1347940	2 2 65	8	13,390	483	305	2	14,790	3.5	1-68		40		640	22
23-41-0047	6277532	1347940	12 28 64	17	14,870	553	304	2	17,025	3.8	11-67		40		731	28
23-41-0047	5752743	1347940	1 31 63	15	14,887	554	304	4	17,120	3.8	2-68		44		709	28
23-41-0047	5914541	1347940	5 16 63	16	14,636	546	299	3	18,963	3.5	10-67		42		993	31
23-41-0047	5914540	1347940	4 9 63	15	14,850	559	305	3	17,746	3.6	11-67		42		831	27
23-41-0065	6014869	1222994	7 26 63	36	11,575	411	305	2	16,600	3.8	10-66		40		833	33
23-41-0073	5293283	1305145	3 17 61	25	14,710	549	305	1	20,830	3.3	10-67		26		800	19
23-41-0073	4818400	1305145	3 21 59	22	15,062	553	303	5	19,754	3.1	9-67		36		929	15
23-41-0111	6368969	1347940	7 3 65	5	11,990	410	305	1	13,750	3.7	1-68		36		740	29
23-41-0111	6358233	1347940	5 21 65	6	11,720	408	305	1	13,850	3.7	8-67		36		676	26

23-41-0120	5563380	1347940	2	6	62	16	16,065	607	279	4	16,785	3.8	637	1-68	D	44	592	22
23-41-0144	6145863	1347940	8	23	64	12	14,495	567	300	2	15,785	3.8	606	9-67		40	640	23
23-41-0156	5634736	1347940	3	13	62	8	11,817	395	262	4	13,482	3.1	418	6-67	7	44	656	18
23-41-0178	6779922	1347940	9	8	65	17	17,340	634	305	1	19,880	3.5	701	10-67		36	748	25
23-41-0178	6309864	1347940	9	20	64	20	17,020	612	289	2	18,875	3.3	621	9-67		40	723	20
23-41-0178	6309863	1347940	3	9	64	9	16,826	617	293	3	19,903	3.5	703	2-68		42	819	27
23-41-0182	6362215	1347940	9	8	65	8	14,440	554	305	1	15,660	3.7	583	9-67		36	628	21
23-41-0191	6321742	1347940	2	10	65	12	13,390	462	299	1	15,600	3.8	596	6-67		36	694	29
23-41-0198	5508943	1319703	6	8	61	31	11,080	372	305	1	15,850	3.2	504	8-67		23	596	19
23-42-0010	5458005	1347940	5	20	61	11	12,492	466	305	4	14,085	3.7	521	12-67		44	655	23
23-42-0014	5502650	1347940	3	17	61	21	13,818	521	302	5	16,318	3.9	644	11-67		44	792	33
23-42-0014	5435543	1347940	12	22	60	17	13,812	511	293	4	15,852	3.8	608	7-67		44	727	29
23-42-0014	6801015	1347940	10	2	65	15	13,840	522	293	1	16,660	3.7	612	12-67		36	743	26
23-42-0014	6852482	1347940	9	5	65	21	13,730	514	305	1	17,780	3.7	657	11-67		36	834	30
23-42-0020	6292653	1347940	4	10	65	6	14,790	546	298	1	20,270	3.4	688	9-67		36	948	30
23-42-0021	5694307	1347940	7	28	62	13	11,733	425	292	3	13,670	3.8	523	6-67	G	42	685	28
23-42-0021	6442045	1347940	8	12	65	21	12,590	451	305	1	14,620	3.6	524	9-67		36	675	24
23-42-0021	6442044	1347940	8	9	65	13	12,080	434	305	1	14,130	3.5	490	8-67		36	673	23
23-42-0026	5235286	1347940	8	25	64	26	11,500	415	305	1	14,910	3.4	506	10-67		36	770	25
23-42-0026	6235285	1347940	8	19	64	26	11,500	415	305	1	13,580	3.5	475	10-67		36	670	23
23-42-0051	6445556	1347940	4	16	65	11	15,030	554	305	1	15,600	3.8	599	10-67		36	584	23
23-42-0113	6346921	1347940	5	12	65	15	16,270	591	305	1	19,710	3.6	716	11-67		36	807	29
23-42-0113	6050101	1347940	1	8	64	13	15,740	589	305	2	21,670	3.7	807	11-67		40	1123	41
23-42-0114	6050097	1411224	12	30	63	7	14,410	565	305	2	22,625	3.2	731	8-67		38	1118	22
23-42-0114	5488221	1347940	10	11	61	8	14,842	563	302	4	18,165	3.8	685	6-67		44	898	33
23-42-0114	6239318	1296729	11	5	64	16	15,010	553	305	2	21,130	3.3	707	12-67		40	926	17
23-42-0116	6137720	1296729	4	1	64	16	14,825	558	302	2	19,860	3.6	716	10-67		40	814	18
23-42-0116	6322498	1347940	1	29	65	15	15,480	592	305	1	19,840	3.6	711	9-67		36	870	28
23-42-0119	6369083	1347940	9	16	65	9	14,570	580	293	1	16,550	3.2	527	12-67		36	686	16
23-43-0032	5981153	1427615	12	9	63	14	14,890	518	305	1	18,100	3.4	617	9-67		35	875	20
23-43-0159	6073471	1355784	10	29	63	12	13,903	498	300	3	19,796	3.0	590	1-68		42	1200	21
23-43-0179	4910335	1300014	8	19	59	5	13,416	510	298	5	18,590	3.4	639	1-68		44	954	19
23-44-0003	6453097	1347940	8	6	65	26	16,720	613	305	1	17,730	3.4	600	10-67		36	630	19
23-44-0003	5972767	1296729	12	3	63	21	15,770	594	305	2	21,900	3.3	716	6-67		40	935	14
23-44-0003	6257889	1347940	10	12	64	29	16,030	612	305	1	20,460	3.7	751	7-67		36	879	30
23-44-0004	6246290	1347940	7	29	64	18	14,265	536	280	2	17,305	3.5	608	10-67		40	815	26
23-44-0004	6246292	1347940	12	24	64	13	14,565	543	299	2	17,860	3.9	689	1-68		40	788	32
23-44-0004	6597514	1347940	5	10	65	16	14,470	533	305	1	18,470	3.5	654	10-67		36	836	28
23-44-0004	6590123	1347940	8	29	65	16	14,470	533	305	1	15,730	3.8	600	10-67		36	631	24
23-44-0014	6432340	1347940	7	18	65	14	15,250	559	305	1	19,740	3.7	740	8-67		36	878	33
23-44-0020	5574748	1199324	4	4	62	14	15,497	539	305	4	15,852	4.0	637	11-67		44	590	29
23-44-0024	6504652	1347940	5	15	65	21	15,990	616	305	1	18,540	4.1	763	10-67		36	739	31
23-44-0025	6471203	1347940	8	9	65	23	14,410	546	305	1	17,970	3.3	596	10-67		36	802	23
23-44-0025	6461367	1347940	8	21	65	35	14,620	550	305	1	17,300	3.4	594	8-67		36	738	23
23-44-0025	6572754	1347940	12	1	65	6	14,450	541	305	1	18,580	3.8	700	1-68		36	845	31

TABLE 5.—HIGH-RANKING PROGENY OF DHIA SIRE: HOLSTEIN—Continued

COW'S LAST HERD CODE	COW'S REGISTRATION NO.	COW'S SIRE REGISTRATION NO.	COW'S BIRTH DATE (Mo.) (Day) (Yr.)	HERDMATES			AVERAGE PRODUCTION OF COW					LAST CALVING		REPEAT- ABILITY (Pct.)		COW INDEX	
				NUM- BER	MILK (Lb.)	FAT (Lb.)	IN MILK (Days)	REC- ORDS	MILK (Lb.)	FAT (Pct.)	FAT (Lb.)	(Mo.) (Yr.)	CAR			MILK	FAT
23-44-0025	6572752	1347940	11 8 65	23	14,410	546	305	1	17,400	3.6	626	10-67		36		760	25
23-44-0025	5968712	1347940	3 13 63	19	15,326	553	305	3	20,116	3.3	671	1-68		42		998	30
23-44-0025	6044385	1347940	10 5 63	16	15,833	568	305	3	19,023	3.5	670	4-68		42		820	28
23-44-0025	6104054	1239242	3 15 64	25	15,515	573	305	2	18,515	4.0	748	7-67		40		613	28
23-44-0025	6104050	1296729	2 21 64	19	15,805	599	305	2	21,180	3.1	663	5-67		40		859	8
23-44-0025	6210705	1347940	12 7 64	11	14,495	550	305	2	16,600	3.7	622	1-68		40		722	26
23-44-0026	6228051	1296729	11 26 64	24	15,810	596	305	2	26,575	3.3	880	10-67		40		1406	31
23-44-0026	6571167	1347940	1 18 66	14	16,810	628	303	1	19,180	3.7	703	1-68		36		673	24
23-44-0034	5612295	1347940	4 4 62	19	13,883	504	305	3	16,530	3.5	573	3-68		42		735	24
23-44-0034	6224121	1347940	12 30 64	20	13,450	477	305	1	20,160	3.6	722	11-67		36		1030	37
23-44-0037	5991363	1427615	10 15 63	28	16,993	614	301	3	18,760	4.0	750	10-67		42		812	28
23-44-0037	6260837	1199324	8 28 64	22	16,305	590	305	2	16,420	3.6	597	11-67		40		592	19
23-44-0061	5540933	1347940	12 14 61	6	15,950	531	287	4	17,585	3.3	589	8-67		44		803	25
23-44-0064	6314511	1347940	12 23 63	10	12,840	461	305	1	14,250	3.5	500	11-67		36		630	22
23-44-0064	6503863	1347940	9 8 65	5	13,360	483	296	1	16,040	3.6	571	1-68	F	36		729	25
23-44-0068	5369903	1347940	12 23 60	10	13,476	500	305	5	16,536	3.5	587	6-67		44		860	28
23-44-0073	5407963	1347940	7 20 61	12	13,352	521	305	5	16,160	3.5	569	10-67		44		825	23
23-44-0073	6091274	1199324	1 19 64	16	14,070	535	305	2	17,170	3.3	566	7-67		40		872	21
23-44-0086	6102505	1329588	5 8 64	10	14,240	483	289	2	18,650	3.3	614	10-67		40		702	19
23-44-0088	6423377	1347940	8 5 65	8	11,730	461	305	1	13,340	4.2	566	9-67		36		637	26
23-44-0088	5859226	1347940	3 3 63	6	13,280	496	305	3	14,413	3.9	556	12-67		42		610	24
23-44-0089	5817626	1311794	1 25 63	12	14,450	500	304	3	19,820	3.0	593	10-67		42		678	15
23-44-0099	6420238	1296729	10 14 65	14	15,950	555	305	1	21,720	3.2	691	11-67		36		756	11
23-44-0099	6154704	1347940	11 12 64	18	16,865	592	305	2	18,705	3.3	622	10-67		40		720	22
23-44-0103	6157520	1347940	8 11 64	10	16,260	573	305	2	18,275	4.2	774	7-67		40		731	39
23-44-0103	5449790	1347940	11 3 61	17	17,468	632	278	5	19,462	3.7	726	2-68	E	44		719	29
23-44-0103	6354431	1347940	8 29 65	9	16,330	598	304	1	17,380	3.2	558	8-67		36		623	17
23-44-0104	5449789	1347940	10 22 61	9	17,242	573	303	4	19,260	3.1	598	4-67		44		767	21
23-44-0104	6453884	1347940	10 28 65	6	14,210	522	305	1	18,650	3.3	622	11-67		36		866	26
23-44-0104	5655493	1296729	2 27 62	7	16,313	546	305	3	23,016	3.0	682	4-67		42		1084	17
23-44-0111	6596248	1347940	10 21 65	16	14,790	560	305	1	17,090	3.6	612	12-67		36		711	23
23-44-0112	6527231	1347940	6 13 65	14	12,610	460	304	1	14,410	4.0	575	5-67		36		658	27
23-44-0112	6129288	1347940	7 1 64	19	13,445	490	299	2	17,600	3.6	631	12-67		40		920	32
23-44-0122	5612506	1347940	6 23 62	9	17,355	641	301	4	19,567	3.7	717	9-67		44		792	28
23-44-0129	5786106	1347940	5 18 62	15	12,295	439	221	4	14,102	3.3	460	1-68	B	44		624	17
23-44-0129	6524490	1347940	12 10 65	8	10,950	388	305	1	16,040	3.1	491	1-68		36		891	26
23-44-0129	6550803	1347940	12 22 64	12	11,150	404	179	2	13,490	3.6	480	12-67	B	40		712	25
23-44-0129	5972143	1347940	10 21 63	27	12,450	454	305	2	17,440	3.6	623	9-67		40		995	35
23-44-0132	5406217	1347940	8 2 61	9	12,640	438	305	3	17,123	3.6	612	7-67		42		988	37
23-44-0138	6707528	1347940	5 5 65	9	16,230	582	305	1	19,050	3.2	604	8-67		36		761	21
23-44-0161	6480935	1347940	3 1 66	8	18,080	647	305	1	20,370	3.5	713	2-68		36		676	23
23-44-0161	6442307	1347940	8 30 65	6	17,520	639	289	1	18,450	3.8	696	11-67	D	36		630	24
23-44-0162	5864638	1399824	1 6 63	8	13,755	524	294	2	16,345	3.6	583	5-67		39		615	20
23-44-0162	5952419	1330987	10 10 63	15	16,155	590	301	2	18,920	4.0	754	7-67		40		636	35
23-44-0165	6383946	1347940	3 16 65	33	13,970	526	305	1	15,400	3.9	601	7-67		36		640	25

23-44-0170	5570880	1347940	12 13 61	8	17,225	608	286	2	18,930	3.2	607	12-67	40	653	17
23-44-0173	6310454	1329588	12 5 64	24	14,605	520	305	2	19,345	3.2	615	1-68	40	739	16
23-44-0174	5690977	1199324	9 15 62	29	11,996	418	293	3	13,736	3.5	485	11-67	42	716	24
23-44-0174	5787752	1199324	2 17 63	7	12,896	441	303	3	14,133	3.1	444	4-67	42	669	17
23-44-0174	5359205	1199324	5 1 61	21	12,600	444	305	2	15,030	3.2	483	3-67	40	789	21
23-44-0176	4917552	1154946	8 15 59	7	14,897	537	305	4	18,722	3.7	684	7-67	44	681	23
23-44-0177	6438216	1347940	8 15 65	10	14,440	508	305	1	18,370	3.7	674	9-67	36	830	31
23-45-0012	6419844	1261857	8 2 64	12	16,090	688	305	4	19,560	4.4	869	6-67	33	607	34
23-45-0012	6115765	1360676	8 10 64	14	16,170	713	305	2	18,425	4.2	774	8-67	32	583	22
23-46-0102	6513788	1320310	9 15 65	17	16,330	657	305	1	20,210	3.4	681	9-67	35	1036	22
23-46-0113	6443640	1320310	8 10 65	12	16,690	694	305	1	21,960	3.8	837	11-67	35	1144	32
23-46-0113	6443641	1320310	11 14 65	12	16,690	694	305	1	18,580	3.6	662	11-67	35	889	19
23-46-0113	6443642	1320310	11 30 65	10	16,560	651	305	1	20,970	3.4	712	2-68	35	1078	25
23-46-0113	6443638	1320310	6 23 65	14	15,940	652	305	1	20,830	3.5	733	9-67	35	1109	27
23-46-0115	6426170	1320310	8 30 65	30	13,550	530	305	1	16,000	3.6	568	11-67	35	907	22
23-46-0115	6426171	1320310	9 7 65	30	13,550	530	305	1	18,300	3.5	648	11-67	35	1081	28
23-46-0115	6426168	1320310	6 29 65	32	13,530	531	305	1	15,370	3.5	540	10-67	35	861	20
23-46-0115	6143078	1320310	9 23 64	36	13,705	533	305	2	16,265	3.8	622	10-67	40	940	28
23-46-0115	6143076	1320310	9 4 64	14	14,630	555	289	2	16,150	3.6	575	2-68	40	843	21
23-46-0115	6137037	1320310	8 27 64	33	13,835	538	305	2	17,970	3.5	635	12-67	40	1102	29
23-46-0115	6193581	1320310	9 26 64	14	14,150	536	305	1	17,740	3.8	675	7-67	35	1044	31
23-46-0115	6193580	1320310	9 23 64	30	13,860	539	305	2	15,960	3.5	552	12-67	40	894	20
23-46-0115	6193582	1320310	11 6 64	26	14,045	548	305	2	18,930	3.8	712	12-67	40	1180	36
23-46-0115	6596709	1320310	9 15 65	27	13,360	528	305	1	18,140	3.8	696	12-67	35	1082	32
23-46-0115	6596710	1320310	10 29 65	17	14,030	541	305	1	18,250	3.7	671	1-68	35	1044	29
23-46-0115	6272883	1320310	11 9 64	35	13,930	539	298	2	15,630	3.7	580	11-67	40	854	23
23-46-0115	6272884	1320310	1 21 65	14	14,150	536	305	1	17,300	3.4	593	7-67	35	1011	25
23-46-0115	6272886	1320310	2 4 65	32	13,530	531	302	1	13,750	4.1	559	10-67	35	739	22
23-46-0115	6272885	1320310	2 1 65	14	14,150	536	305	1	15,140	3.8	570	7-67	35	848	23
23-46-0117	6196621	1320310	10 15 64	12	14,645	569	302	2	17,215	3.7	643	10-67	40	950	27
23-46-0119	6304508	1337741	3 2 65	11	13,730	533	305	1	16,260	3.6	588	11-67	35	649	20
23-46-0124	5977446	1375967	7 6 63	13	15,256	577	305	3	19,476	3.6	704	1-68	41	868	18
23-46-0129	6196620	1320310	9 2 64	7	14,090	555	305	1	15,870	4.1	643	3-67	35	907	27
23-46-0207	5975052	1399824	3 14 63	13	13,936	558	305	3	19,193	3.7	703	9-67	42	958	32
23-46-0216	6219254	1398216	9 15 64	37	16,100	639	305	2	19,310	3.6	702	12-67	39	718	16
23-46-0216	5426229	1199324	8 14 61	30	14,962	571	297	5	16,052	3.7	592	8-67	44	674	20
23-46-0220	5953770	1359770	12 7 63	16	14,220	524	305	2	20,375	3.0	615	5-67	40	775	9
23-46-0222	1223243	1223243	4 10 65	42	17,080	620	305	1	20,990	3.4	720	10-67	35	622	19
23-46-0232	5219229	1335588	12 29 60	8	14,028	538	305	5	17,130	3.7	638	1-68	38	608	16
23-46-0233	6863435	1441440	10 26 65	22	14,510	557	305	1	19,420	4.4	847	12-67	35	685	36
23-46-0238	6672719	1300014	1 7 66	9	17,440	663	305	1	23,810	3.6	855	3-68	36	835	17
23-46-0243	6546196	1411026	5 20 65	7	13,170	541	305	1	20,670	3.9	804	12-67	35	678	28
23-46-0303	6492277	1320310	8 30 65	63	15,480	583	280	1	15,480	3.7	578	2-68	35	737	20
23-46-0303	6206324	1320310	11 2 64	47	16,020	602	305	1	16,420	4.0	662	5-67	35	817	25
23-46-0303	6238782	1320310	8 29 64	47	16,020	602	305	1	17,520	3.8	667	5-67	35	900	26

TABLE 5.—HIGH-RANKING PROGENY OF DHIA SIRE: HOLSTEIN—Continued

COW'S LAST HERD CODE	COW'S REGISTRATION NO.	COW'S SIRE REGISTRATION NO.	COW'S BIRTH DATE (Mo.) (Day) (Yr.)	HERDMATES			AVERAGE PRODUCTION OF COW					LAST CALVING		REPEAT- ABILITY (<i>r_{r,r}</i>)	COW INDEX	
				NUM- BER	MILK (Lb.)	FAT (Lb.)	IN MILK (Days)	REC- ORDS	MILK (Lb.)	FAT (Pct.)	FAT (Lb.)	(Mo.) (Yr.)	CAR		MILK	FAT
23-46-0321	6243663	1320310	8 28 64	18	15,980	635	305	2	16,860	4.1	690	12-67	40	791	25	
23-46-0322	6254924	1411026	6 19 64	11	13,640	516	305	2	18,400	3.5	648	3-68	40	593	22	
23-46-0323	6376510	1320310	12 1 65	11	14,770	586	290	1	16,690	3.9	659	3-68	35	876	26	
23-46-0345	6330280	1399824	3 30 65	11	13,960	515	305	1	16,850	3.8	632	6-67	35	591	24	
23-46-0346	6540450	1347940	3 19 66	13	15,590	601	305	1	19,100	3.5	672	3-68	36	748	23	
23-46-0410	6095335	1411026	4 21 64	12	11,885	456	305	2	17,955	4.1	729	11-67	40	728	35	
23-46-0411	6604710	1347940	2 25 66	10	10,650	422	305	1	12,640	3.8	477	3-68	36	598	21	
23-46-0412	6912412	1347940	12 12 65	16	12,530	492	305	1	13,310	4.2	553	12-67	36	581	23	
23-46-0448	6868485	1347940	10 31 65	13	14,770	569	305	1	17,460	3.5	612	12-67	36	740	23	
23-46-0448	6868486	1347940	12 2 65	8	15,750	587	305	1	18,150	3.4	614	1-68	36	726	22	
23-46-0448	6618540	1347940	7 18 65	20	14,070	554	305	1	16,580	3.8	636	8-67	36	722	25	
23-46-0448	6553536	1347940	10 6 65	23	14,620	571	305	1	18,830	3.4	631	10-67	36	852	24	
23-46-0449	6912587	268045C	12 9 62	16	16,710	655	295	1	23,120	3.0	693	9-67	24	787	4	
23-46-0449	6336570	268045C	3 1 62	9	15,515	613	300	2	21,145	3.4	713	2-68	29	865	13	
23-46-0449	6336564	268045C	3 11 62	6	14,913	591	302	3	19,070	3.2	617	3-68	32	742	5	
23-46-0449	6336557	268045C	11 13 61	8	15,855	636	305	2	21,070	3.1	659	1-68	29	820	4	
23-46-0449	6336574	268045C	2 28 61	10	16,100	642	304	2	20,620	3.7	755	12-67	29	740	15	
23-47-0025	6268181	1347940	11 12 64	9	15,070	565	305	2	19,195	3.5	675	11-67	40	933	30	
23-47-0025	6268182	1347940	11 26 64	7	15,255	569	305	2	19,580	3.8	743	12-67	40	956	36	
23-47-0025	5829778	1347940	10 11 62	6	13,496	510	305	3	15,323	3.8	586	4-67	42	693	26	
23-47-0052	6047399	1347940	8 26 63	9	15,216	521	287	3	16,963	3.5	589	11-67	42	703	26	
23-47-0061	6388358	1239242	8 15 64	5	12,575	483	305	2	16,475	3.9	639	11-67	40	674	25	
23-47-0068	6570810	1347940	2 13 66	20	14,810	566	305	1	18,060	3.4	612	2-68	36	723	21	
23-47-0073	6913010	1347940	12 16 65	6	15,240	545	264	1	18,310	3.3	597	3-68	36	713	21	
23-47-0081	6546125	1347940	1 18 66	15	14,660	557	305	1	16,720	3.6	596	3-68	36	633	21	
23-47-0081	6546124	1347940	12 6 65	26	14,190	542	305	1	16,660	3.3	552	12-67	36	720	20	
23-47-0081	6546121	1347940	11 2 65	28	14,210	538	305	1	15,760	3.5	553	10-67	36	651	20	
23-47-0081	6546123	1347940	12 3 65	26	14,190	542	305	1	18,500	3.2	601	12-67	36	857	24	
23-47-0081	6546118	1347940	10 12 65	29	14,210	544	305	1	17,200	3.6	624	11-67	36	758	25	
23-48-6001	6515641	1435014	3 13 65	23	14,780	558	305	1	19,390	3.5	686	4-68	22	614	19	
23-48-6001	6336410	1435014	9 17 64	24	13,280	508	305	1	17,700	4.0	716	9-67	22	583	25	
23-48-0027	5863752	1390131	3 7 63	19	15,692	559	302	4	18,782	3.9	731	2-68	41	738	39	
23-48-0027	5993621	1358005	11 8 63	20	15,673	566	305	3	19,156	3.4	646	3-68	41	820	11	
23-48-0032	5875211	1199324	8 1 63	15	14,966	558	305	3	16,286	4.1	671	11-67	42	702	31	
23-48-0036	6085928	1427615	10 5 63	14	16,100	592	305	3	18,126	3.5	636	3-68	42	791	17	
23-48-0036	6164553	1422697	10 3 64	13	15,615	590	305	2	19,230	3.6	693	4-68	29	625	19	
23-48-0037	6384720	1347940	7 30 65	14	17,730	700	305	1	22,070	4.0	883	12-67	36	885	34	
23-48-0037	6305311	1321904	4 1 65	22	17,100	668	305	1	22,470	3.5	790	6-67	32	761	20	
23-48-0037	6528883	1347940	11 13 65	14	17,730	700	305	1	20,000	4.3	855	12-67	36	731	32	
23-48-0037	6528884	1347940	12 14 65	14	17,730	700	305	1	20,020	3.5	697	12-67	36	732	20	
23-48-0038	5308220	1199324	3 30 61	37	13,787	513	305	4	17,195	3.7	643	7-67	44	946	33	
23-48-0038	4663207	1213136	7 31 56	26	13,964	508	303	7	17,961	3.5	630	6-67	43	1005	28	
23-48-0038	5989948	1199324	8 31 62	36	14,396	531	302	3	16,623	3.7	622	4-67	42	800	28	
23-48-0038	6029905	1199324	8 27 62	42	13,923	528	305	3	18,586	3.9	728	4-67	42	1075	40	
23-48-0048	6368965	1330987	3 28 65	13	16,650	596	305	1	20,360	4.0	817	6-67	36	649	36	

23-48-0048	6368963	1330987	2 18 65	15	16,090	578	305	1	18,970	4.2	799	7-67	36	583	36
23-48-0051	5915897	1360676	10 2 63	17	12,485	488	297	2	15,080	4.0	600	9-67	33	691	28
23-48-0074	6181598	1329588	8 16 64	9	15,275	604	305	2	23,085	3.6	827	4-68	40	1058	30
23-48-0074	6181597	1347940	8 15 64	11	15,240	594	305	2	20,400	3.7	750	9-67	40	1040	35
23-48-0079	6531028	1347940	12 2 65	22	15,220	602	305	1	15,810	4.0	627	12-67	36	587	22
23-48-0103	6531504	1347940	11 28 65	15	15,510	586	305	1	20,680	4.0	827	2-68	36	871	36
23-48-0103	6402929	1347940	9 14 65	17	15,880	603	305	1	19,980	3.8	751	12-67	36	854	31
23-48-0103	6336187	1434767	5 3 65	19	15,390	591	305	1	20,200	3.3	665	12-67	23	652	15
23-48-0107	5846231	1199324	3 1 63	17	16,016	594	299	3	17,136	4.2	718	11-67	42	694	32
23-48-0120	5968546	1330987	7 16 63	14	12,336	472	303	3	16,540	3.6	594	9-67	42	788	31
23-48-0124	5971806	1348281	10 6 63	20	14,983	597	305	3	21,026	4.0	850	12-67	42	626	36
23-48-0124	6323748	1347940	5 2 65	12	13,190	510	305	1	16,700	3.9	645	5-67	36	790	29
23-48-0124	6389664	1347940	10 25 65	24	14,490	577	305	1	18,960	3.8	714	9-67	36	871	30
23-48-0130	6914766	1347940	12 19 65	10	14,000	522	305	1	16,310	3.8	618	3-68	36	647	25
23-48-0131	5905543	1199324	9 5 63	13	17,525	657	305	2	18,170	4.0	724	11-67	40	658	26
23-48-0131	6439081	1347940	8 10 65	16	16,170	625	305	1	18,680	3.7	684	9-67	36	737	24
23-48-0131	6439082	1390131	8 19 65	16	16,150	621	300	1	19,030	3.9	738	9-67	33	603	29
23-48-0131	6131854	1199324	8 19 64	15	17,065	644	300	2	20,820	3.5	727	10-67	40	969	27
23-49-0004	5848664	1347940	8 15 61	15	13,735	550	289	4	16,545	3.6	590	5-67	44	821	23
23-49-0004	5828096	1199324	8 29 61	23	13,584	545	305	5	14,980	3.7	548	10-67	44	696	17
23-49-0004	6330375	1347940	8 7 63	22	13,280	523	304	2	14,640	3.4	497	9-67	40	635	16
23-49-0011	6223634	1347940	12 16 64	18	13,525	529	299	2	16,675	4.1	681	12-67	40	819	34
23-49-0011	6430262	1347940	11 9 65	12	13,480	531	305	1	18,490	4.1	762	12-67	36	903	36
23-49-0011	6553108	1347940	11 30 65	20	13,850	523	305	1	15,650	4.0	624	8-67	36	667	27
23-49-0020	6511119	1347940	5 21 65	9	12,660	455	305	1	14,810	3.6	540	7-67	36	684	25
23-49-0020	5773768	1347940	2 24 63	13	14,516	511	305	3	19,603	3.2	633	5-67	42	1079	32
23-49-0026	6412261	1347940	3 3 65	6	13,010	471	305	1	14,350	3.9	563	5-67	36	627	26
23-49-0029	6529106	1320310	5 2 65	51	11,590	419	305	1	13,610	3.0	414	9-67	35	860	19
23-49-0029	5599483	1296729	2 5 62	23	12,362	458	299	4	17,330	3.4	593	7-67	44	874	17
23-49-0065	6474512	1347940	2 7 65	12	14,330	529	305	1	20,680	3.7	767	5-67	36	1010	37
23-49-0070	6345918	1296729	6 17 64	14	15,335	555	305	2	20,625	3.1	647	10-67	40	845	11
23-49-0070	6345921	1347940	5 22 65	11	15,650	557	305	1	17,200	3.8	654	5-67	36	662	27
23-49-0070	6042046	1324354	3 30 64	13	15,510	568	305	1	22,540	3.3	754	5-67	36	592	20
23-49-0071	6004998	1199324	7 8 63	14	14,260	525	293	3	18,133	3.8	691	9-67	42	988	36
23-49-0074	6459631	1347940	2 10 65	14	13,820	499	305	1	16,810	3.6	604	10-67	36	756	27
23-49-0074	6459638	1347940	5 7 65	14	13,670	504	305	1	15,140	3.4	513	11-67	36	641	20
23-49-0074	6792318	1347940	6 10 65	14	13,670	504	305	1	14,730	3.3	489	11-67	36	611	18
23-49-0074	6792319	1347940	7 26 65	7	13,840	516	305	1	17,700	3.2	559	1-68	36	761	21
23-49-0082	6182874	1296729	7 26 64	9	12,845	472	305	2	17,505	3.6	622	1-68	40	756	16
23-50-0002	5665330	1347940	10 5 62	9	18,376	688	305	3	22,720	3.8	870	11-67	42	1038	41
23-50-0002	6261943	1320310	10 21 64	16	18,210	674	305	2	20,250	3.6	733	11-67	40	933	26
23-50-0004	5685189	1347940	10 13 62	19	15,660	552	305	3	18,400	3.7	679	11-67	42	822	33
23-50-0004	5810820	1347940	4 3 63	18	15,930	559	301	3	18,020	3.4	616	2-68	42	695	23
23-50-0004	6414070	1347940	12 7 65	7	14,860	523	284	1	17,110	3.6	614	4-68	36	649	24
23-50-0004	6414069	1347940	11 25 65	15	15,690	548	305	1	19,750	3.3	659	12-67	36	849	28

TABLE 5.—HIGH-RANKING PROGENY OF DHIA SIRE: HOLSTEIN—Continued

COW'S LAST HERD CODE	COW'S REGISTRATION NO.	COW'S SIRE REGISTRATION NO.	COW'S BIRTH DATE (Mo.) (Day) (Yr.)	HERDMATES			AVERAGE PRODUCTION OF COW				LAST CALVING		REPEAT- ABILITY (Pct.)		COW INDEX	
				NUM- BER	MILK (Lb.)	FAT (Lb.)	IN MILK (Days)	REC- ORDS	MILK (Lb.)	FAT (Pct.)	(Mo.) (Yr.)	CAR			MILK	FAT
23-50-0004	5371366	1347940	5 16 61	21	15,750	555	302	5	20,234	3.6	10-67		44		1073	39
23-50-0004	5920190	1296729	11 11 63	14	16,280	603	305	2	20,005	3.8	5-67		40		696	18
23-50-0005	6060476	1347940	1 5 64	14	16,185	583	305	2	17,750	4.3	6-67		40		685	36
23-50-0005	5456130	1347940	8 30 61	13	15,115	555	305	4	15,920	4.4	12-67		44		590	36
23-50-0005	6398450	1347940	8 2 65	16	15,580	573	305	1	20,830	3.7	8-67		36		937	34
23-50-0005	6512768	1347940	11 14 65	13	16,490	629	305	1	22,140	3.5	3-68		36		914	29
23-50-0005	6191948	1347940	1 3 65	15	15,730	580	305	1	18,890	3.6	7-67		36		782	28
23-50-0006	6156494	1347940	8 22 64	20	17,420	610	305	1	19,840	3.5	1-68		36		740	26
23-50-0006	6485708	1347940	12 20 65	20	17,420	610	305	1	21,070	3.1	1-68		36		831	23
23-50-0006	6391489	1347940	8 2 65	30	16,450	588	305	1	18,290	3.3	10-67		36		689	20
23-50-0008	6414946	1347940	11 22 65	24	16,410	642	305	1	19,320	3.9	10-67		36		769	29
23-50-0008	6266382	1347940	11 14 64	21	17,130	671	305	2	22,730	3.8	12-67		40		1104	38
23-50-0008	6266383	1347940	11 16 64	20	16,150	642	303	2	18,215	4.1	9-67		40		735	29
23-50-0010	6003209	1347940	11 22 63	17	16,635	641	296	2	18,495	3.5	11-67		40		719	20
23-50-0011	6253869	1193324	10 5 64	14	16,695	625	297	2	18,795	3.5	12-67		40		797	22
23-50-0011	5718800	1330987	9 10 62	17	15,580	576	305	3	19,260	3.9	12-67		42		765	38
23-50-0012	5809517	1296729	11 5 62	17	14,800	513	290	3	19,946	3.1	3-67		42		887	12
23-50-0012	6457512	1347940	12 25 65	13	16,300	548	305	1	20,010	3.6	2-68		36		769	30
23-50-0014	6487724	1347940	11 11 65	13	15,250	544	305	1	19,860	3.4	12-67		36		887	29
23-50-0014	6487724	1347940	12 13 65	13	15,250	544	305	1	16,460	3.3	12-67		36		634	20
23-50-0014	6466011	1347940	9 15 65	16	15,220	552	305	1	18,890	3.8	9-67		36		817	31
23-50-0014	6466013	1347940	10 17 65	13	15,250	544	305	1	21,790	4.1	12-67		36		1031	45
23-50-0015	6498794	1347940	11 24 65	15	15,280	561	305	1	16,910	3.5	2-68		36		606	20
23-50-0015	5843499	1347940	3 19 63	29	14,270	542	299	3	15,576	3.9	1-68		42		642	25
23-50-0022	5848932	1239886	1 26 63	25	14,413	532	305	3	18,446	3.2	10-67		42		630	18
23-50-0027	6254847	1347940	3 30 65	27	13,970	525	305	1	15,790	3.8	8-67		36		669	24
23-50-0032	6202839	1347940	7 26 64	10	15,555	563	305	2	16,600	3.3	7-67		40		626	17
23-50-0032	6234663	1347940	9 15 64	7	16,770	613	305	2	20,635	3.6	11-67		40		924	33
23-50-0033	6443623	1347940	2 13 65	12	15,750	562	305	2	19,010	3.8	1-68		40		796	32
23-50-0033	6443624	1347940	7 23 65	22	14,000	511	305	1	16,590	3.7	7-67		36		727	26
23-50-0042	6328426	1347940	12 14 64	6	14,200	519	305	2	17,445	3.6	12-67		40		835	29
23-50-0043	6445474	1330981	12 4 65	29	14,030	516	305	1	20,070	3.7	11-67		35		581	24
23-50-0043	6413147	1347940	8 8 65	18	14,190	506	296	1	15,800	3.9	8-67		36		655	27
23-50-0043	5739650	1296729	1 13 63	22	15,022	542	296	4	20,567	3.1	12-67		44		978	13
23-50-0043	5715931	1347940	12 23 62	17	15,402	541	297	4	19,392	3.3	1-68		44		987	31
23-50-0044	5803445	1347940	1 24 63	17	15,910	583	304	3	21,623	3.5	1-68		42		1167	39
23-50-0050	5382146	1347940	7 7 61	15	13,942	515	294	5	16,560	3.7	2-68		44		754	28
23-50-0050	6274685	1347940	2 22 65	18	12,640	484	305	1	18,610	3.4	10-67		36		969	30
23-50-0053	6547624	1347940	11 30 65	13	15,670	616	305	1	16,630	3.6	12-67		36		618	19
23-50-0053	5545586	1296729	1 26 62	12	13,923	539	305	3	20,376	3.5	3-67		42		1027	21
23-50-0053	6204403	1347940	9 2 64	22	14,345	555	298	2	16,630	3.8	7-67		40		739	26
23-50-0053	6204402	1347940	8 14 64	22	14,350	554	305	2	18,200	3.8	8-67		40		898	32
23-50-0056	6382410	1347940	3 19 65	10	12,950	479	303	1	13,750	4.0	5-67		36		586	24
23-50-0062	6190454	1347940	12 30 64	8	16,420	599	305	1	17,060	3.6	11-67		36		600	21
23-50-0062	6428592	1347940	10 9 65	7	16,080	595	291	1	16,990	3.2	10-67		36		617	16

23-50-0070	6524277	1347940	8 30 65	22	14,030	545	295	1	17,150	3.6	620	10-67	36	767	25
23-50-0070	6355747	1347940	3 9 65	15	14,200	542	300	1	16,780	3.8	639	7-67	36	728	26
23-50-0070	5577694	1347940	12 12 61	10	15,040	561	275	5	17,180	3.7	632	4-68	E	706	25
23-50-0072	6374831	1417208	8 23 64	21	15,680	570	297	2	18,200	3.6	657	7-67	39	604	24
23-50-0074	6250614	1347940	12 10 64	7	15,375	560	297	2	17,610	3.6	638	12-67	G	688	25
23-50-0074	6052097	1347940	2 17 64	9	15,116	547	284	3	17,243	3.6	613	3-68	42	690	24
23-50-0078	6261784	1329588	12 2 64	12	15,180	585	295	2	18,790	3.6	674	12-67	40	630	16
23-50-0078	5439046	1347940	11 19 61	7	14,287	512	305	4	17,295	3.4	595	8-67	44	852	27
23-50-0078	5489934	1347940	11 9 61	8	15,482	569	299	5	19,662	3.2	623	3-68	44	975	23
23-50-0079	6319878	1347940	2 19 65	8	14,820	567	305	2	17,355	4.0	693	2-68	40	713	30
23-50-0081	6306544	1347940	12 8 64	9	14,165	503	305	2	19,785	3.4	672	3-68	40	1020	34
23-50-0081	5237802	1347940	1 9 61	9	13,722	498	299	5	17,014	3.5	596	9-67	44	893	30
23-50-0081	6012174	1347940	6 22 63	9	13,860	509	276	4	18,155	3.3	604	2-68	44	951	27
23-50-0081	5657482	1347940	9 10 62	9	15,150	571	305	4	18,845	3.8	725	4-68	44	893	35
23-50-0082	6525160	1347940	12 23 65	7	17,500	598	299	1	21,770	3.1	672	1-68	36	819	24
23-50-0082	6475329	1347940	12 13 64	12	17,245	604	295	2	20,195	3.3	661	12-67	40	836	25
23-50-0086	6314536	1347940	2 23 65	5	15,930	606	298	2	18,745	3.1	586	4-68	40	753	16
23-50-0089	5911159	1359770	10 11 63	9	17,360	612	303	3	21,036	3.5	734	12-67	42	606	15
23-50-0089	5957823	1283917	11 2 63	5	13,635	478	305	2	18,415	3.3	609	7-67	40	798	13
23-50-0093	6608532	1347940	11 12 65	6	15,640	568	305	1	16,510	3.3	540	11-67	36	611	18
23-50-0099	6421813	1320310	9 3 65	5	11,680	446	269	1	14,020	3.2	450	10-67	35	885	19
23-50-0311	6053189	1329588	1 3 64	8	14,550	556	302	3	19,190	3.9	741	12-67	42	784	28
23-50-0311	6292864	1417208	11 15 64	9	15,040	572	305	2	17,275	4.1	710	12-67	40	594	29
23-50-0315	6390272	1347940	9 21 65	10	16,260	600	305	1	17,720	3.7	651	10-67	36	660	23
23-50-0315	6390269	1347940	7 2 65	7	13,930	550	305	1	16,360	4.0	648	7-67	36	715	27
23-50-0315	6509941	1347940	2 26 66	11	16,280	611	305	1	17,480	3.4	586	2-68	36	581	17
23-50-0315	6509938	1347940	12 1 65	10	16,280	601	305	1	16,890	3.9	658	11-67	36	597	24
23-50-0315	6509937	1347940	11 7 65	10	16,280	601	305	1	18,660	3.8	707	11-67	36	728	28
23-50-0315	5538925	1347940	2 10 62	5	15,710	598	290	1	18,610	4.1	763	4-68	36	704	30
23-50-0315	6219593	1347940	10 30 64	15	15,810	591	305	2	18,670	3.7	699	2-68	40	756	28
23-50-0318	5513123	1347940	11 12 61	9	15,560	550	305	4	17,775	3.6	635	8-67	44	770	28
23-50-0318	5513125	1347940	2 25 62	6	14,152	509	298	4	17,182	3.3	571	9-67	44	853	25
23-50-0318	6345751	1347940	5 15 65	12	13,090	484	305	1	14,500	3.7	533	6-67	36	632	22
23-50-0322	6321276	1347940	6 10 65	15	15,260	549	305	1	16,780	3.9	651	10-67	36	657	27
23-50-0324	6314420	1347940	1 8 65	11	13,705	527	296	2	16,540	3.3	554	3-68	40	732	19
23-50-0324	6216178	1347940	10 17 64	12	13,880	537	305	2	19,260	3.8	735	3-68	40	992	37
23-50-0324	5216179	1347940	12 2 64	11	14,415	546	305	2	17,305	3.9	675	12-67	40	801	32
23-50-0324	5977391	1411224	11 30 63	14	14,506	553	299	3	18,140	3.7	663	3-68	41	683	17
23-50-0327	6269086	1347940	10 11 64	19	15,930	587	298	2	17,005	3.4	584	11-67	40	633	19
23-50-0327	6483771	1347940	9 29 65	21	15,080	567	305	1	18,640	3.5	656	1-68	36	748	24
23-50-0327	6483772	1347940	12 25 65	20	15,230	568	305	1	17,440	3.2	561	11-67	36	708	19
23-53-0002	6505845	1347940	10 2 65	36	13,920	538	305	1	17,550	3.7	645	9-67	36	804	27
23-53-0002	6505846	1347940	10 2 65	36	13,920	538	305	1	15,430	3.8	582	9-67	36	646	22
23-53-0002	6505844	1347940	9 30 65	36	13,920	538	305	1	16,050	3.9	632	9-67	36	692	26
23-53-0004	6423677	1347940	9 5 65	13	15,340	611	305	1	17,210	4.0	686	9-67	36	683	25

TABLE 5.—HIGH-RANKING PROGENY OF DHIA SIRES: HOLSTEIN—Continued

COW'S LAST HERD CODE	COW'S REGISTRATION NO.	COW'S SIRE REGISTRATION NO.	COW'S BIRTH DATE (Mo., Day) (Yr.)	HERDMATES			AVERAGE PRODUCTION OF COW					LAST CALVING		REPEAT- ABILITY (Pct.)	COW INDEX	
				NUM- BER	MILK (Lb.)	FAT (Lb.)	IN MILK (Days)	REC- ORDS	MILK (Lb.)	FAT (Pct.)	FAT (Lb.)	(Mo.) (Yr.)	CAR		MILK	FAT
23-53-0004	6423678	1347940	10 21 65	13	15,340	611	305	1	17,190	3.9	678	9-67		36	682	25
23-53-0004	6423679	1347940	10 28 65	20	15,140	599	305	1	18,850	3.8	715	11-67		36	819	28
23-53-0004	6423680	1347940	12 18 65	6	14,430	566	305	1	17,190	3.9	663	3-68		36	684	25
23-53-0004	6423675	1347940	8 25 65	20	15,140	599	305	1	19,370	3.7	718	11-67		36	858	29
23-53-0004	6423676	1347940	8 30 65	13	15,340	611	305	1	16,740	3.9	659	9-67		36	648	23
23-53-0004	6574605	1347940	1 28 66	10	14,910	579	305	1	17,000	3.8	650	2-68		36	638	23
23-53-0006	6392677	1347940	11 16 65	9	14,290	580	305	1	19,470	4.0	773	12-67		36	922	34
23-53-0006	6300097	1282185	3 2 65	14	12,460	496	305	1	19,620	3.8	743	7-67		36	650	21
23-53-0013	5519662	1347940	9 15 61	34	16,136	597	302	3	19,176	3.6	691	10-67		42	862	29
23-53-0013	7055936	1347940	7 1 66	19	15,180	588	305	1	19,240	3.5	672	1-68		36	786	24
23-53-0014	6491895	1347940	10 1 65	8	15,710	608	305	1	18,050	3.9	710	10-67		36	721	27
23-53-0014	6466678	1347940	9 3 65	8	15,710	608	305	1	16,600	4.0	670	10-67		36	613	24
23-53-0015	6564397	1347940	7 24 65	24	14,200	508	305	1	16,310	3.3	538	8-67		36	693	21
23-53-0015	6567200	1347940	7 12 65	24	14,200	508	305	1	16,640	3.3	544	8-67		36	717	22
23-53-0015	6564398	1347940	8 7 65	24	14,200	508	305	1	20,980	3.0	634	8-67		36	1041	28
23-53-0015	6282441	1271019	11 2 64	25	14,690	539	304	2	19,310	3.7	715	11-67		40	620	22
23-53-0019	6427811	1347940	10 23 65	24	16,040	615	288	1	16,960	3.9	663	10-67		36	618	23
23-53-0024	6250032	1347940	2 5 65	5	13,490	550	294	2	15,500	4.0	625	4-68		40	605	24
23-53-0029	6163768	1282185	11 16 64	13	14,720	582	305	1	21,490	3.7	789	6-67		36	639	18
23-53-0050	4790102	1271019	9 2 58	11	16,337	612	305	7	19,672	3.7	724	6-67		44	595	19
23-53-0050	5559954	1271019	2 13 62	24	16,782	625	302	4	20,417	3.6	732	11-67		44	620	18
23-53-0057	5813792	1388663	4 12 63	22	14,956	576	305	3	18,123	3.9	713	10-67		36	599	27
23-53-0057	6482189	1347940	8 29 65	15	15,730	606	305	1	19,840	3.6	717	12-67		36	853	28
23-53-0057	6482190	1347940	9 24 65	19	15,720	606	305	1	18,490	3.7	677	11-67		36	753	25
23-53-0065	6447104	1347940	10 24 65	34	15,750	612	305	1	17,570	3.8	668	9-67		36	683	24
23-53-0078	6397136	1347940	9 19 65	15	14,810	534	305	1	17,530	3.8	663	2-68		36	684	27
23-53-0082	6440445	1347940	9 21 65	11	14,190	535	305	1	20,050	3.7	744	11-67		36	972	35
23-53-0082	6762507	1347940	8 16 65	12	14,860	563	305	1	16,580	3.7	619	9-67		36	669	24
23-53-0082	6527976	1347940	8 18 65	9	14,860	562	305	1	16,260	3.6	588	12-67		36	645	21
23-53-0104	6329047	1347940	8 2 65	15	16,780	648	305	1	18,550	3.9	716	9-67		36	687	25
23-53-0110	6488165	1347940	1 12 66	11	12,180	442	305	1	15,230	4.5	681	2-68		36	689	35
23-53-0113	6472059	1347940	11 18 65	11	14,550	578	304	1	16,450	4.0	657	10-67		36	680	25
23-54-0016	6405350	1347940	8 29 65	14	13,330	528	305	1	14,660	3.6	522	7-67		36	628	19
23-54-0016	5472444	1347940	8 18 61	20	13,932	535	305	4	19,312	3.3	641	7-67		44	1141	30
23-54-0016	6329047	1347940	2 21 65	19	13,340	522	305	1	16,230	4.0	644	8-67		36	744	28
23-54-0016	6343520	1347940	5 17 65	26	13,900	538	305	1	15,070	4.0	596	10-67		36	621	24
23-54-0016	6343519	1347940	4 1 65	14	16,040	618	282	1	18,290	3.5	649	2-68		36	658	21
23-54-0016	6312226	1347940	1 17 65	19	13,340	522	305	1	20,850	3.3	693	8-67		36	1089	32
23-54-0016	6316327	1347940	11 16 64	25	13,460	522	305	1	14,180	3.9	546	9-67		36	584	21
23-54-0016	6208125	1347940	11 7 64	20	15,090	571	305	1	16,570	3.8	628	1-68		36	593	22
23-54-0016	6024158	1347940	1 12 64	17	13,630	520	291	2	15,420	4.1	635	7-67		40	682	30
23-54-0016	6085472	1347940	1 23 64	22	13,850	524	299	2	15,305	3.6	557	8-67		40	650	22
23-54-0016	5911858	1411224	10 2 63	13	15,220	578	305	2	22,025	3.2	707	2-68		38	979	18
23-54-0017	6176045	1360676	12 17 64	10	13,000	490	305	1	15,880	4.8	770	6-67		28	675	40
23-54-0017	6471436	1360676	10 14 65	15	12,760	491	276	1	15,480	3.5	547	11-67		28	660	21

23-54-0018	6363526	1347940	7 19 65	18	13,650	515	305	1	15,530	3.6	556	9-67	36	672	22
23-54-0018	5816299	1261857	2 4 63	10	14,700	557	277	3	17,083	3.8	657	1-68	40	585	29
23-54-0019	6512952	1347940	11 26 65	15	13,310	476	305	1	13,990	3.6	507	11-67	36	580	21
23-54-0019	5906292	1347940	7 3 63	21	15,100	554	305	3	17,113	3.7	634	11-67	42	732	27
23-54-0021	5518703	1261857	12 22 61	17	15,475	587	305	4	18,155	3.8	685	12-67	41	647	30
23-54-0021	5214472	1261857	12 11 60	16	15,310	580	305	4	17,667	4.0	703	10-67	41	604	33
23-54-0021	6229579	1261857	9 7 64	13	14,830	560	305	1	18,590	4.1	771	8-67	33	620	35
23-54-0021	6229580	1261857	10 7 64	13	14,830	560	305	1	18,640	3.8	712	8-67	33	623	30
23-54-0021	6229582	1360676	11 15 64	24	15,060	575	305	1	22,020	3.9	856	9-67	28	1037	41
23-54-0021	6229581	1261857	11 16 64	17	15,010	562	305	1	21,590	4.1	891	9-67	33	841	44
23-54-0029	5501992	1347940	9 9 61	16	14,450	522	305	4	18,565	3.5	641	8-67	44	991	32
23-54-0029	6528004	1347940	11 28 65	9	13,410	494	305	1	16,850	3.8	641	3-68	36	727	28
23-54-0029	6462666	1347940	9 17 65	5	12,990	482	305	1	19,100	3.3	631	4-68	36	923	28
23-54-0029	5943828	1347940	8 30 63	20	14,596	526	295	3	16,510	3.5	583	9-67	42	715	24
23-54-0029	5943829	1347940	9 27 63	13	14,416	515	305	3	20,400	3.0	620	3-68	42	1125	28
23-54-0029	6373934	1347940	4 16 65	19	13,680	515	305	1	15,470	3.4	528	10-67	36	665	20
23-54-0039	6862321	1347940	9 13 65	10	15,940	576	305	1	18,390	3.6	663	11-67	36	791	26
23-54-0046	5759207	1384112	9 9 62	12	15,200	570	301	4	19,960	3.4	674	12-67	35	1003	26
23-54-0046	6306521	1384112	1 9 65	10	15,330	561	305	2	19,580	3.2	621	1-68	30	843	19
23-54-0046	6306522	1384112	1 15 65	10	15,200	556	292	2	17,500	3.7	641	12-67	30	610	22
23-54-0046	5910681	1384112	10 1 63	8	15,196	567	305	3	23,280	3.4	799	11-67	33	1405	43
23-54-0046	6085716	1384112	1 8 64	13	15,530	567	302	3	18,506	3.7	685	12-67	33	725	28
23-54-0046	6029835	1384112	10 8 63	12	15,743	575	296	3	18,490	3.5	652	11-67	33	697	22
23-54-0046	6412640	1347940	6 25 65	15	15,240	561	305	1	17,650	4.0	699	9-67	36	723	30
23-54-0046	6122660	1384112	7 1 64	6	15,935	576	301	2	20,015	3.5	707	6-67	30	830	28
23-54-0065	5337192	1347940	1 15 61	12	12,526	471	278	5	14,056	3.5	489	4-68	44	595	17
23-54-0067	6402591	1347940	12 20 63	13	15,330	531	305	2	18,685	3.5	656	1-68	40	802	29
23-54-0067	5953355	1401112	11 28 63	12	14,915	526	288	2	19,095	3.2	620	9-67	31	1110	32
23-54-0067	6291887	1347940	11 16 64	15	15,200	526	301	2	17,585	3.6	637	11-67	40	758	30
23-54-0077	4450745	1213136	12 4 56	8	12,680	479	295	9	14,944	3.8	564	1-68	43	758	23
23-54-0081	6139997	1347940	1 27 64	13	13,785	518	290	2	16,265	3.6	584	7-67	40	753	25
23-54-0081	5575427	1347940	3 5 62	15	14,385	540	298	4	15,217	3.9	592	6-67	44	585	24
23-54-0087	6590480	1347940	3 23 65	9	12,140	436	305	1	16,430	3.4	564	5-67	36	840	28
23-54-0096	5594814	1384112	3 7 62	7	16,585	579	300	4	20,970	3.3	691	10-67	35	969	28
23-54-0098	6396002	1347940	6 6 65	13	15,900	568	305	1	23,990	3.1	733	9-67	36	1151	32
23-55-0001	6632572	1347940	1 12 65	18	15,195	545	295	2	17,235	3.4	590	12-67	40	723	23
23-55-0001	6353851	1347940	7 25 64	13	14,570	539	305	2	16,690	3.6	597	11-67	40	725	24
23-55-0001	599024	1296729	11 11 63	18	15,310	554	305	2	19,970	4.0	793	12-67	40	781	26
23-55-0003	6698882	1296729	2 13 65	35	13,470	482	300	1	22,180	3.4	750	8-67	36	957	21
23-55-0003	6734223	1347940	2 9 66	27	15,470	560	305	1	17,320	3.7	639	3-68	36	624	24
23-55-0004	6853459	1347940	10 11 65	20	12,260	439	305	1	15,720	3.6	569	1-68	36	720	27
23-55-0004	6853458	1347940	9 18 65	12	11,680	418	279	1	14,380	3.4	494	1-68	36	588	24
23-55-0004	6428749	1347940	8 10 65	20	11,870	429	305	1	12,810	3.9	503	10-67	36	718	24
23-55-0004	6428750	1347940	8 14 65	20	11,870	429	305	1	14,270	3.6	511	10-67	36	697	24
23-55-0032	6492186	1347940	1 19 66	16	16,290	618	305	1	19,670	3.4	659	2-68	36	744	21

TABLE 5.—HIGH-RANKING PROGENY OF DHIA SIRE: HOLSTEIN—Continued

COW'S LAST HERD CODE	COW'S REGISTRATION NO.	COW'S SIRE REGISTRATION NO.	COW'S BIRTH DATE (Mo., Day) (Yr.)	HERDMATES			AVERAGE PRODUCTION OF COW				LAST CALVING		REPEAT- ABILITY (Pct.)	COW INDEX	
				NUM- BER	MILK (Lb.)	FAT (Lb.)	IN MILK (Days)	REC- ORDS	MILK (Lb.)	FAT (Pct.)	(Mo.) (Yr.)	CAR		MILK	FAT
23-55-0032	5696643	1347940	11 13 62	15	14,280	530	300	3	16,443	3.6	6-67		42	740	24
23-55-0033	5956365	1347940	12 14 63	11	14,115	521	297	2	17,310	3.7	8-67		40	829	31
23-55-0035	6496620	1347940	10 10 65	12	14,290	532	305	1	17,040	3.4	10-67		36	741	23
23-55-0035	6496621	1347940	11 11 66	6	15,060	549	305	1	16,610	3.7	612		36	657	24
23-55-0035	6241750	1347940	11 8 64	13	14,565	551	305	2	19,415	3.7	1-68		40	945	33
23-55-0035	6241749	1347940	10 21 64	11	14,655	546	305	2	18,055	3.7	12-67		40	856	31
23-55-0044	6214580	1296729	10 17 64	8	14,145	521	305	2	20,910	3.6	751		40	983	22
23-55-0047	6221146	1347940	11 26 64	14	13,980	513	305	1	18,540	3.8	5-67		36	874	33
23-55-0047	6147704	1347940	7 25 64	39	15,145	563	297	2	15,960	4.2	675		40	598	30
23-55-0047	6099858	1347940	1 6 64	16	14,805	535	305	2	20,625	4.1	843		40	1103	50
23-55-0047	6099859	1347940	5 23 64	24	14,225	534	304	2	16,160	4.1	6-67		40	702	31
23-55-0047	5939813	1347940	10 9 63	23	15,966	578	293	3	17,843	3.9	4-68		42	671	30
23-55-0047	6388330	1347940	8 10 65	20	16,150	580	305	1	19,650	3.2	622		36	752	21
23-55-0047	6314790	1347940	3 10 65	30	13,780	520	305	1	14,770	3.5	7-67		36	606	19
23-55-0055	5850071	1347940	5 16 63	7	13,440	471	305	3	18,176	3.3	9-67		42	1026	31
23-55-0056	6554270	1347940	8 26 65	25	11,270	389	305	1	15,130	3.7	567		36	801	31
23-55-0056	6554269	1347940	2 4 65	19	12,605	436	303	2	14,420	3.3	478		40	674	22
23-55-0063	5504609	1199324	10 2 61	11	12,732	480	301	5	15,126	3.3	497		44	814	24
23-55-0065	6508477	1347940	10 18 65	14	15,240	580	305	1	18,300	3.5	639		36	771	18
23-55-0067	5627375	1347940	7 23 62	8	13,892	492	302	4	15,420	3.9	601		44	610	29
23-55-0067	6379837	1347940	4 30 65	7	12,670	471	305	1	15,450	3.0	461		36	731	18
23-55-0074	6128710	1347940	5 31 64	5	12,955	467	305	2	14,125	3.7	529		40	612	24
23-55-0076	6364283	1347940	8 16 65	8	14,380	541	305	1	15,740	3.6	570		36	638	21
23-55-0076	5349572	1347940	3 21 61	6	13,865	524	298	6	15,353	3.5	543		44	607	18
23-55-0085	6133004	1347940	8 21 64	12	14,450	535	305	2	18,495	3.2	584		40	919	23
23-55-0091	5522197	1347940	8 19 61	5	13,276	496	263	5	14,726	3.9	572		44	595	25
23-55-0094	6368452	1347940	7 28 65	13	14,700	539	305	1	15,590	3.5	546		36	606	20
23-55-0094	6275405	1296729	11 5 64	12	14,240	506	304	2	18,940	3.3	623		40	774	13
23-55-0094	5732488	1398537	11 10 62	8	13,647	521	304	4	17,180	3.8	661		33	610	22
23-55-0095	6313281	1347940	3 19 65	9	15,500	557	300	2	16,790	3.9	659		40	594	27
23-55-0095	6532619	1347940	9 4 65	11	14,690	526	305	1	17,350	3.4	596		36	737	24
23-55-0095	6195342	1296729	10 7 64	8	13,730	496	301	2	18,355	3.5	647		40	762	16
23-55-0101	6393367	1347940	6 12 65	6	13,790	510	305	1	19,890	3.0	604		36	987	26
23-55-0104	6792241	1347940	7 5 65	9	11,530	401	305	1	14,740	3.9	573		36	755	31
23-55-0104	6792239	1347940	6 30 65	9	11,390	402	305	1	14,220	3.2	454		36	725	22
23-55-0105	6790489	1347940	8 7 65	12	13,760	498	305	1	15,400	3.9	597		36	654	26
23-55-0105	5658178	1347940	8 23 62	8	14,260	504	305	2	19,535	3.0	582		40	1042	26
23-55-0105	6217475	1347940	1 31 65	6	12,880	452	305	1	18,140	3.2	573		36	918	28
23-55-0105	6295938	1347940	4 1 65	12	13,760	498	305	1	14,480	3.4	491		36	586	19
23-56-0012	6372820	1441440	9 17 65	19	15,300	580	305	1	20,760	3.8	798		35	733	30
23-56-0036	6114835	1199324	2 11 64	21	17,690	686	305	2	24,290	3.7	908		40	1264	42
23-56-0037	6030004	1427615	11 2 63	9	13,356	505	299	3	14,293	4.0	571		42	673	19
23-56-0043	6013538	1199324	1 16 64	17	12,930	484	305	2	17,490	3.7	649		40	1009	34
23-56-0050	6082020	1427615	11 19 63	10	13,780	493	305	1	15,330	3.1	480		35	741	12
23-56-0050	5908410	1283917	8 11 63	14	12,880	460	305	2	18,505	3.3	617		40	877	16

23-56-0050	6360938	1320310	7 3 65	7 13,130	447	305	1 17,150	3.3	572	6-67	35	1069	29
23-56-0050	6486247	1441440	6 20 65	24 13,270	493	305	1 19,780	3.8	754	10-67	35	798	33
23-56-0056	6148097	1415405	6 23 64	19 14,710	576	300	2 17,780	3.9	695	7-67	40	602	19
23-56-0056	5854546	1415405	7 9 63	23 14,925	580	305	2 18,445	4.9	897	7-67	40	650	40
23-56-0059	5628799	1119686	2 28 62	20 15,642	565	304	4 20,420	3.4	688	8-67	44	610	22
23-56-0059	5606118	1344950	2 10 62	24 15,980	582	298	4 17,625	3.5	624	10-67	38	616	18
23-56-0081	6534895	1320310	6 28 65	27 15,640	657	305	1 18,580	4.1	771	12-67	35	960	29
23-56-0134	5471147	1199324	7 23 61	18 15,704	600	298	5 19,524	3.4	661	8-67	44	1036	26
23-56-0134	5813173	1199324	10 15 62	19 16,215	618	293	4 16,522	3.7	611	8-67	44	592	17
23-56-0134	5967417	1294703	10 21 63	22 16,473	624	305	3 21,023	3.5	743	10-67	42	961	25
23-56-0136	6899167	1406271	11 29 65	10 14,330	514	305	1 17,230	3.3	563	11-67	35	731	27
23-56-0136	6489960	1199324	6 29 65	19 11,850	435	305	1 12,770	3.8	486	6-67	36	643	22
23-56-0142	5715866	1379208	11 1 62	6 13,600	508	305	3 15,800	3.4	539	12-67	41	634	17
23-56-0147	5820818	1300014	2 3 63	11 16,540	597	289	4 19,570	3.7	728	11-67	44	703	19
23-56-0147	6016837	1300014	7 5 63	11 15,563	570	297	3 20,696	3.2	652	6-67	42	913	12
23-56-0161	6044076	1300014	11 10 63	13 16,310	637	302	3 19,273	3.9	760	11-67	42	672	18
23-56-0161	6044075	1300014	11 4 63	13 16,310	637	302	3 21,520	3.2	691	11-67	42	930	10
23-56-0161	6117559	1415405	3 20 64	19 16,090	611	305	2 19,250	3.6	697	2-68	40	594	16
23-56-0175	6472958	1441440	10 26 65	21 13,850	567	305	1 18,370	4.0	735	11-67	35	650	26
23-56-0175	6314805	1441440	2 27 65	10 13,290	532	305	1 18,270	3.7	667	8-67	34	652	23
23-56-0175	6257682	1427052	4 17 64	22 14,245	576	303	2 18,475	4.2	771	11-67	39	732	25
23-56-0180	6604342	1417208	2 10 65	9 15,405	581	305	2 22,505	3.8	853	2-68	40	1094	43
23-56-0183	6017540	1415405	10 7 63	6 12,700	512	297	3 16,176	3.9	636	1-68	42	663	21
23-56-0186	6103537	1329588	6 18 64	6 14,235	520	292	2 17,745	3.8	677	12-67	40	611	22
23-56-0192	6231683	1300014	7 10 64	17 14,060	546	305	2 19,260	3.1	603	3-68	40	843	8
23-56-0192	6175589	1427615	12 23 63	34 14,490	541	305	1 16,870	3.7	616	11-67	35	809	18
23-57-0005	6507931	1347940	9 7 65	7 13,710	505	305	1 15,400	3.6	558	9-67	36	658	23
23-57-0008	6426450	1347940	10 14 65	12 14,690	580	305	1 18,290	3.6	662	10-67	36	807	26
23-57-0020	6407845	1347940	10 15 65	10 15,250	569	295	1 19,380	3.3	633	3-68	36	792	23
23-57-0042	6037784	1329588	2 20 64	16 14,960	582	282	3 18,990	3.5	661	11-67	42	718	16
23-57-0042	6383996	1347940	9 26 65	15 13,570	533	305	1 18,180	3.7	672	8-67	36	874	29
23-57-0062	6383072	1347940	9 18 65	20 14,060	509	305	1 21,070	3.3	692	10-67	36	1057	33
23-57-0066	6494022	1347940	10 27 65	8 11,280	400	242	1 14,210	3.3	467	2-68	36	673	22
23-58-6006	6414599	1271810	9 15 65	86 12,090	433	305	1 17,600	3.6	639	3-68	36	789	23
23-58-6006	6414601	1271810	9 23 65	127 12,480	445	305	1 18,820	3.2	601	2-68	36	854	19
23-58-6006	6092162	1389471	4 23 64	100 13,475	495	305	2 18,755	4.1	760	2-68	40	761	30
23-58-6006	5830809	1239886	4 9 63	32 13,685	508	305	2 18,875	3.9	742	2-67	40	689	34
23-58-0008	6103763	1395908	11 12 63	30 14,535	558	305	2 22,060	3.3	727	11-67	32	830	18
23-58-0008	4976247	1321904	8 13 59	14 13,440	506	304	7 15,778	3.6	568	8-67	41	582	16
23-58-0009	6135367	1321904	5 30 64	29 15,735	631	281	2 18,325	4.1	760	8-67	38	587	24
23-58-0009	6201418	1389471	8 25 64	29 15,680	631	292	2 19,725	3.8	750	8-67	40	678	17
23-58-6011	6093107	1222994	3 9 63	9 12,355	465	305	2 15,420	3.4	529	9-66	40	642	19
23-58-6012	6133194	1294703	5 4 64	21 12,275	446	287	2 15,330	3.3	510	12-67	40	709	15
23-58-6013	6057227	1278644	12 13 63	11 14,325	517	305	2 18,035	3.4	618	9-67	40	745	17
23-58-0032	6042877	1278644	8 9 63	17 17,413	683	304	3 23,643	3.3	776	10-67	42	1109	19

TABLE 5.—HIGH-RANKING PROGENY OF DHIA Sires: HOLSTEIN—Continued

COW'S LAST HERD CODE	COW'S REGISTRATION NO.	COW'S SIRE REGISTRATION NO.	COW'S BIRTH DATE (Mo.) (Day) (Yr.)	HERDMATES			AVERAGE PRODUCTION OF COW				LAST CALVING		COW INDEX	
				NUM- BER	MILK (Lb.)	FAT (Lb.)	IN MILK (Days)	REC- ORDS	MILK (Lb.)	FAT (Pct.)	(Mo.) (Yr.)	CAR	REPEAT- ABILITY (Pct.)	MILK FAT
23-58-0040	6466554	1347940	8 21 65	14	12,110	434	298	1	13,700	3.2	439	8-67	36	638 19
23-58-0040	6466555	1347940	8 21 65	20	12,000	422	305	1	14,470	3.1	445	9-67	36	703 20
23-58-0046	6141290	1221835	10 20 64	14	16,700	637	293	2	20,170	3.5	716	9-67	40	746 19
23-58-0053	4929907	1306477	6 1 59	14	15,260	583	298	7	21,028	3.3	689	12-67	44	842 12
23-58-0053	5955768	1271019	7 30 63	14	16,166	605	304	3	21,840	3.7	818	1-68	42	817 29
23-58-0055	6478399	1347940	11 28 65	30	14,500	556	305	1	21,760	3.4	739	11-67	36	1079 33
23-58-0064	6680000	1347940	10 12 65	16	15,400	618	305	1	18,990	3.6	685	11-67	36	812 25
23-58-0082	6507122	1347940	9 13 65	12	10,710	413	305	1	14,690	3.3	483	10-67	36	806 23
23-58-0082	6412375	1347940	7 17 65	11	10,410	401	305	1	13,020	3.5	454	8-67	36	702 22
23-58-0101	5968370	1271019	8 22 63	16	14,315	553	305	2	19,175	4.2	798	10-67	40	641 29
23-58-0132	6461300	1347940	10 29 65	8	13,530	499	305	1	15,000	3.6	539	11-67	36	640 22
23-58-0155	6319365	1329588	3 9 65	44	12,980	510	305	1	17,790	3.9	686	10-67	36	618 20
23-58-0179	5716489	1404202	9 7 62	12	13,713	516	295	3	16,356	3.8	618	1-68	40	764 19
23-58-0186	6442386	1347940	9 22 65	15	15,080	525	305	1	16,540	3.1	514	10-67	36	651 19
23-58-0186	6442385	1347940	9 5 65	15	15,080	525	305	1	20,680	3.1	639	10-67	36	959 28
23-58-0201	6436340	1244009	8 17 65	53	16,790	630	305	1	20,690	3.6	741	9-67	36	746 19
23-58-0201	5681809	1259069	9 28 62	17	15,296	572	302	3	19,956	3.8	760	8-67	42	760 26
23-58-0201	5918528	1244009	9 6 63	34	16,466	619	302	3	20,623	3.6	752	12-67	42	902 26
23-58-0201	6182951	1222994	9 12 64	42	16,045	603	295	2	19,190	3.7	599	8-67	36	754 28
23-58-0208	5906275	1400686	9 23 63	30	13,143	484	305	3	19,880	3.5	593	10-67	41	847 6
23-58-0208	6461279	1347940	9 8 65	30	13,400	491	305	1	15,560	3.5	542	10-67	36	691 23
23-58-0208	6461277	1347940	8 25 65	21	13,780	503	305	1	16,340	3.6	592	11-67	36	723 26
23-58-0208	6338227	1347940	7 2 65	28	13,300	484	297	1	14,810	3.8	564	9-67	36	641 25
23-58-0208	6338225	1347940	6 26 65	22	13,080	477	305	1	16,120	3.7	599	8-67	36	754 28
23-58-0218	6139361	1278644	8 21 64	12	14,260	509	297	2	17,455	3.5	615	7-67	40	692 17
23-58-0230	6516874	1347940	3 3 66	6	12,290	498	287	1	16,550	3.6	589	1-68	36	839 26
23-58-0230	6516873	1347940	10 25 65	8	13,320	513	303	1	19,010	3.7	710	1-68	36	894 32
23-58-0258	5677287	1271019	3 5 62	10	17,380	656	305	2	22,740	3.4	774	11-67	40	723 17
23-58-0258	6572874	1347940	9 5 65	7	19,160	714	305	1	21,550	3.7	794	1-68	36	751 26
23-58-0258	6572877	1347940	12 9 65	7	19,160	714	305	1	20,880	3.1	642	1-68	36	701 16
23-58-0258	6572873	1347940	5 30 65	7	17,320	612	305	1	22,780	3.2	740	6-67	36	966 29
23-58-0287	6462122	1347940	8 18 65	32	13,840	516	305	1	16,600	3.7	619	10-67	36	739 27
23-58-0287	6344033	1347940	7 27 65	22	13,700	503	305	1	15,590	4.1	646	11-67	36	673 30
23-58-0300	6471520	1347940	8 23 65	17	13,190	477	305	1	15,290	3.7	567	12-67	36	685 25
23-58-0318	5963680	1239885	8 9 63	31	15,980	572	305	3	21,053	3.4	723	11-67	42	595 23
23-58-0325	4916354	1271019	4 27 59	10	14,532	574	305	5	18,178	3.6	661	7-67	44	612 15
23-58-0325	6356723	1347940	8 11 65	9	16,600	646	305	1	22,340	3.5	785	11-67	36	981 30
23-58-0325	6356724	1347940	8 20 65	11	14,770	604	305	1	17,020	3.7	638	8-67	36	707 22
23-58-0354	6602726	1347940	12 23 65	12	12,760	474	305	1	15,270	3.5	540	12-67	36	712 24
23-58-0354	6856678	1347940	9 5 65	13	12,760	488	305	1	15,500	3.6	564	8-67	36	729 24
23-58-0357	5409537	1199324	9 25 61	12	13,440	483	291	1	13,640	3.6	486	6-67	36	601 19
23-58-0359	6453972	1347940	7 31 65	38	14,910	568	286	1	17,000	3.6	618	9-67	36	697 23
23-58-0383	6813973	1321904	8 15 65	16	19,060	712	305	1	23,280	3.3	769	10-67	34	681 16
23-58-0383	6659244	1321904	12 19 64	10	17,690	683	305	1	20,740	3.9	816	7-67	34	580 22
23-58-0383	6082504	1379812	11 12 62	10	19,170	699	297	1	23,290	4.0	927	11-67	23	769 37

23-58-0384	5625989	1318917	2 12 62	36	12,970	476	293	2	18,715	3.5	659	1-68	31	778	26
23-58-0384	5120141	1271019	7 28 60	25	13,656	494	304	3	19,023	4.0	756	11-67	42	753	33
23-58-0385	6701439	1331709	8 31 65	5	17,530	609	305	1	27,550	3.5	975	1-68	33	1214	36
23-58-0392	5392029	1199324	9 18 61	11	14,515	541	291	4	15,990	3.7	585	3-67	44	716	22
23-58-0407	5435863	1199324	12 4 61	18	14,246	518	287	5	17,218	4.2	715	11-67	44	908	42
23-58-0407	6285288	1199324	9 4 64	9	13,675	506	298	2	14,750	3.5	523	8-67	40	663	19
23-58-0407	6204803	1329588	2 25 64	8	13,860	527	296	2	19,810	3.3	659	8-67	40	854	20
23-58-0451	6466069	1347940	9 5 65	6	15,520	578	305	1	18,120	4.0	732	11-67	36	739	31
23-58-0451	6466068	1347940	8 19 65	8	15,470	582	292	1	17,100	4.0	690	10-67	36	666	28
23-58-0451	6466070	1347940	10 20 65	6	15,520	578	300	1	19,390	3.7	712	11-67	36	834	29
23-58-0452	5978686	1271019	8 19 63	8	14,845	540	297	2	19,395	3.6	694	2-68	40	615	19
23-58-0456	6413877	1347940	10 11 65	10	13,970	538	303	1	15,300	3.8	574	8-67	36	633	22
23-58-0456	6358957	1347940	8 24 65	12	15,390	572	298	1	18,460	3.4	620	10-67	36	773	23
23-58-0460	6021132	1388696	10 1 63	18	17,045	593	288	2	22,125	3.1	680	10-67	30	843	17
23-59-0016	5310463	1199324	3 17 61	17	16,154	605	269	5	16,414	3.9	638	3-67	44	582	22
23-59-0016	5726383	1199324	9 4 62	41	15,797	591	305	4	24,280	3.5	845	10-67	44	1597	49
23-59-0016	5726388	1199324	12 21 62	22	16,535	618	285	4	18,005	3.3	597	12-67	44	740	16
23-59-0032	5159627	1306477	8 20 60	20	13,651	522	287	6	18,235	3.6	657	10-67	44	669	15
23-59-0032	6081605	1329598	12 28 63	23	14,726	543	298	3	17,800	4.1	726	1-68	42	606	28
23-59-0038	6754125	2759320	7 21 63	6	12,670	484	305	1	19,010	3.6	685	4-68	35	581	22
23-59-0051	5333137	1271019	1 8 65	47	10,610	404	305	1	18,190	3.1	572	8-67	36	692	15
23-59-0054	6282215	1199324	10 6 64	19	16,380	594	305	2	19,090	3.5	677	9-67	40	856	27
23-59-0054	5774943	1199324	3 28 63	24	16,330	603	305	3	21,070	3.5	734	10-67	42	1111	33
23-59-0058	6498203	1347940	1 5 66	24	15,820	570	305	1	17,120	4.2	715	1-68	36	585	29
23-59-0062	6459653	1347940	9 17 65	16	14,500	550	305	1	19,990	3.4	676	7-67	36	947	29
23-59-0062	4627763	1271019	7 25 58	15	14,938	580	305	6	19,356	3.6	705	8-67	44	717	20
23-59-0067	6303224	1330987	1 13 65	21	16,670	607	305	2	19,560	3.6	707	1-68	40	622	28
23-59-0069	6444414	1347940	8 10 65	15	15,710	578	305	1	17,970	3.6	653	7-67	36	715	25
23-59-0069	6501314	1347940	7 31 65	25	16,370	612	266	1	17,560	3.7	643	9-67	36	640	22
23-59-0069	6501315	1347940	9 2 65	18	16,230	617	305	1	20,840	3.7	768	11-67	36	894	31
23-59-0070	6288398	1433184	11 15 64	23	12,385	486	305	2	19,405	3.2	622	4-68	29	1062	23
23-59-0070	6288397	1433184	11 14 64	15	12,245	480	305	2	16,965	3.6	613	3-68	29	782	22
23-59-0070	6216418	1433184	12 10 64	20	12,465	487	305	2	17,165	3.5	608	4-68	29	782	21
23-59-0146	5773569	1306477	1 18 63	18	15,222	583	303	4	19,517	3.8	735	1-68	44	628	17
23-59-0191	6851645	1347940	9 9 65	16	14,740	538	305	1	19,530	3.5	675	10-67	36	896	29
23-59-0191	5507226	1347940	2 20 62	9	15,157	544	305	4	18,415	3.9	715	4-68	44	839	37
23-59-0208	6867247	1386406	9 30 65	43	10,740	419	305	1	15,420	3.6	552	10-67	35	709	25
23-59-0208	6136953	1199324	10 25 62	22	11,713	449	303	3	13,330	4.5	603	12-67	42	699	34
23-59-0226	6035589	1199324	2 2 64	18	12,540	475	293	2	14,120	3.6	512	9-67	40	702	21
23-59-0264	6372239	1347940	9 18 65	13	13,360	519	305	1	16,230	3.7	605	9-67	36	743	25
23-59-0264	6372240	1347940	9 13 65	9	13,670	527	305	1	16,620	3.5	584	8-67	36	751	23
23-59-0265	6463039	1347940	12 16 65	25	16,340	611	305	1	17,320	3.6	624	11-67	36	625	21
23-59-0267	6477119	1347940	10 11 65	23	13,370	487	305	1	15,830	3.6	577	10-67	36	713	26
23-59-0270	6409637	1347940	12 7 65	16	17,040	651	287	1	21,470	3.5	756	12-67	36	887	28
23-59-0270	6409636	1347940	11 18 65	27	17,090	636	305	1	18,230	3.7	677	11-67	36	642	23

TABLE 5.—HIGH-RANKING PROGENY OF DHIA Sires: HOLSTEIN—Continued

COW'S LAST HERD CODE	COW'S REGISTRATION NO.	COW'S SIRE REGISTRATION NO.	COW'S BIRTH DATE (Mo.) (Day) (Yr.)	HERDMATES			AVERAGE PRODUCTION OF COW					LAST CALVING		REPEAT- ABILITY (Pct.)	COW INDEX	
				NUM- BER	MILK (Lb.)	FAT (Lb.)	IN MILK (Days)	REC- ORDS	MILK (Lb.)	FAT (Pct.)	FAT (Lb.)	(Mo.) (Yr.)	CAR		MILK	FAT
23-59-0270	6378870	4347940	10 3 65	27	17,090	636	294	1	17,980	3.9	697	11-67	36	623	24	
23-59-0270	6378867	1347940	9 3 65	28	17,010	632	293	1	17,910	3.8	674	9-67	36	624	23	
23-59-0270	6378868	1347940	9 27 65	16	17,040	651	279	1	19,280	3.5	683	12-67	36	724	22	
23-59-0270	5777364	1271019	3 15 63	21	17,443	661	305	3	22,136	3.5	772	9-67	42	719	17	
23-59-0277	6385570	1386406	10 10 65	13	14,490	538	305	1	18,010	3.1	566	9-67	35	650	18	
23-59-0282	6368112	1283536	9 16 64	22	16,015	576	305	2	21,075	3.6	750	10-67	40	727	21	
23-59-0282	6252605	1296729	8 25 64	21	16,015	581	305	2	22,430	3.3	739	11-67	40	966	18	
23-59-0299	6427567	1347940	8 14 65	18	12,710	465	303	1	13,560	3.4	461	11-67	36	588	19	
23-59-0299	6511868	1347940	10 20 65	20	14,670	463	305	1	14,220	3.6	519	10-67	36	640	23	
23-59-0301	5721349	1298430	10 26 62	14	14,277	533	295	4	21,205	3.5	747	11-67	44	731	23	
23-59-0319	6499236	1386406	2 5 66	26	13,660	510	300	1	16,500	3.4	553	2-68	35	592	19	
23-59-0319	4946254	1306477	10 6 59	13	13,268	497	305	5	19,264	3.5	669	4-68	44	846	20	
23-59-0319	6031790	1330987	2 20 64	22	13,520	508	284	2	16,790	4.1	687	12-67	40	661	36	
23-59-0377	6072881	1199324	3 4 64	8	15,245	581	218	2	16,610	3.7	612	10-67	40	708	21	
23-59-0398	6406929	1347940	11 22 65	25	16,460	678	305	1	20,460	3.0	612	1-68	36	791	14	
23-60-0003	6577169	1347940	1 1 66	12	14,680	546	305	1	16,180	4.1	668	12-67	36	651	28	
23-60-0003	6297941	1347940	1 2 65	14	14,785	556	305	2	19,235	3.6	702	12-67	40	963	33	
23-60-0003	6319606	1347940	2 7 65	6	14,860	562	305	1	17,130	3.5	600	4-67	36	710	22	
23-60-0003	6198488	1347940	11 30 64	16	14,720	553	305	2	18,595	3.5	653	2-68	40	848	27	
23-60-0008	5888671	1347940	7 18 63	5	11,310	424	305	2	13,305	3.5	462	11-67	40	679	21	
23-60-0010	5904386	1296729	7 27 63	24	14,180	554	305	3	18,293	3.8	698	12-67	42	761	18	
23-60-0010	6148136	1347940	6 19 64	21	14,400	560	292	2	18,395	3.5	653	12-67	40	913	28	
23-60-0010	6272609	1347940	12 22 64	18	14,280	560	305	1	20,900	3.2	679	6-67	36	1029	28	
23-60-0010	6272611	1347940	3 14 65	23	13,360	541	305	1	17,640	3.4	603	8-67	36	848	24	
23-60-0010	6388417	1347940	5 1 65	22	15,045	576	304	2	19,540	4.1	799	1-68	40	914	40	
23-60-0010	6388418	1347940	8 21 65	23	14,150	562	280	1	19,830	3.5	703	11-67	E	958	30	
23-60-0010	6388419	1347940	10 4 65	23	13,590	548	305	1	15,390	3.8	580	9-67	36	665	22	
23-60-0019	6327650	1347940	5 20 65	25	12,880	461	305	1	16,640	3.7	619	7-67	36	806	30	
23-60-0019	6305983	1296729	7 29 64	28	13,475	503	305	2	18,650	3.5	659	12-67	40	815	17	
23-60-0019	6305956	1347940	3 9 64	19	13,653	497	285	3	15,293	3.8	583	1-68	42	673	27	
23-60-0019	6305974	1347940	9 14 64	27	13,225	486	305	2	18,270	3.7	676	2-68	40	952	36	
23-60-0019	6317543	1294703	5 19 64	31	13,300	486	305	2	17,855	3.6	649	9-67	40	872	26	
23-60-0019	6310936	1347940	5 23 65	28	12,460	451	305	1	17,600	3.8	667	6-67	36	906	35	
23-60-0019	6305967	1347940	10 6 64	33	13,290	492	302	2	15,280	3.5	532	10-67	40	699	22	
23-60-0019	6305975	1347940	1 16 65	17	12,005	441	305	2	17,220	3.4	585	3-68	40	956	30	
23-60-0019	6305957	1296729	6 23 63	27	13,226	497	305	3	16,526	3.8	621	12-67	42	657	15	
23-60-0019	5938207	1199324	8 24 63	20	16,170	571	299	3	17,540	3.4	603	12-67	42	722	21	
23-60-0019	5566979	1347940	3 15 62	26	13,995	516	287	4	15,065	4.0	603	10-67	44	609	28	
23-60-0024	5712185	1320310	8 25 62	22	14,565	537	296	4	18,540	3.5	641	10-67	43	1146	31	
23-60-0024	6098166	1199324	6 2 64	30	14,735	555	303	2	17,855	4.2	750	9-67	40	881	38	
23-60-0029	6630952	1347940	4 8 65	7	14,000	502	303	1	15,410	3.6	549	8-67	36	639	22	
23-60-0029	6257348	1347940	2 26 64	10	15,235	548	305	2	16,680	3.5	591	9-67	40	663	23	
23-60-0031	6734660	1347940	3 31 66	5	15,850	577	305	1	19,510	3.3	639	3-68	36	761	23	
23-60-0036	5991347	1347940	10 1 63	20	15,610	554	300	3	17,083	3.9	660	9-67	42	676	30	
23-60-0036	6048520	1347940	9 11 63	21	15,610	556	301	3	16,890	3.2	548	9-67	42	654	17	

23-60-0045	6308780	1347940	9 11 64	6	13,420	508	294	2	15,580	3.9	604	2-68	40	661	26
23-60-0045	6511951	1347940	8 26 65	13	11,850	452	305	1	16,740	3.7	617	8-67	36	882	31
23-60-0045	6544736	1347940	12 30 65	13	12,030	458	280	1	15,600	3.8	586	9-67	36	785	28
23-60-0045	6544734	1347940	12 5 65	13	12,050	459	289	1	15,540	3.5	541	10-67	36	780	25
23-60-0045	6544735	1347940	12 5 65	12	12,080	462	305	1	16,590	3.6	589	11-67	36	856	28
23-60-0047	5714461	1283917	12 12 62	14	14,332	487	291	4	17,612	3.5	610	4-68	44	709	15
23-60-0050	5888570	1347940	4 18 63	9	14,903	549	302	3	17,430	3.5	617	7-67	42	789	26
23-60-0051	6435321	1347940	12 15 65	8	14,920	518	305	1	19,260	3.0	571	2-68	36	805	21
23-60-0062	6045034	1347940	2 18 64	5	15,070	557	293	3	16,933	3.5	588	3-68	42	659	20
23-60-0062	6570799	1347940	1 30 66	8	13,720	540	294	1	14,360	3.8	548	11-67	36	580	20
23-60-0062	6143560	1347940	8 14 64	6	14,320	532	305	2	15,450	3.9	600	8-67	40	622	25
23-60-0069	5960958	1292880	4 1 63	17	13,900	517	305	3	19,700	3.4	661	7-67	42	598	19
23-60-0069	6526107	1347940	5 24 65	20	14,780	528	296	1	17,680	4.1	724	6-67	36	756	34
23-60-0073	5968530	1347940	9 7 63	14	14,900	553	289	3	16,480	3.4	560	10-67	42	680	19
23-60-0080	5499424	1347940	8 30 61	21	14,754	532	305	5	16,330	3.3	543	12-67	44	685	19
23-60-0080	6220733	1347940	9 18 64	16	14,035	519	305	2	18,630	3.8	705	1-68	40	971	37
23-60-0086	5926248	1340669	11 11 63	15	12,105	439	305	2	19,550	3.2	623	10-67	40	1013	18
23-60-0101	5471461	1350190	10 26 61	35	15,860	583	305	4	20,900	3.4	711	4-68	44	837	19
23-60-0101	6603635	1283917	2 10 65	54	14,820	548	305	1	20,660	3.3	692	9-67	36	778	11
23-60-0107	6349339	1296729	3 1 65	13	16,160	596	305	1	21,640	3.6	781	8-67	36	736	15
23-60-0109	6237925	1329588	11 3 64	12	16,460	597	305	2	20,615	3.3	685	2-68	40	699	16
23-60-0117	6036684	1199324	12 2 63	8	14,295	525	305	2	16,590	3.6	602	11-67	40	793	25
23-60-0127	5679450	1199324	11 24 62	9	11,683	426	305	3	13,770	3.3	451	2-67	42	753	19
23-60-0128	6020015	1347940	9 27 63	11	14,190	499	305	3	19,993	3.3	657	3-68	42	1102	34
23-60-0134	6209916	1350190	5 15 64	13	13,980	496	305	2	17,795	3.6	638	2-68	40	589	16
23-60-0135	6249242	1418374	7 19 64	10	16,265	611	305	2	21,035	3.5	738	7-67	38	675	20
23-60-0135	6475863	1347940	12 1 64	7	16,830	654	292	2	17,885	3.7	668	12-67	40	640	21
23-60-0135	6475867	1347940	7 12 65	13	16,840	635	305	1	17,710	3.6	632	7-67	36	620	20
23-60-0135	6475865	1347940	3 9 65	9	15,150	595	305	1	20,220	3.7	754	5-67	36	920	31
23-60-0135	6475864	1347940	2 5 65	6	17,545	648	305	2	19,480	3.4	668	3-68	40	680	20
23-61-0002	5524090	1369503	12 31 61	46	13,210	485	305	2	18,255	3.5	634	10-67	29	668	20
23-61-0002	5524092	1369503	1 21 62	49	13,450	494	305	2	18,860	3.7	689	11-67	29	715	26
23-61-0002	6029573	1306905	1 10 64	36	12,940	480	299	2	17,685	3.4	603	7-67	29	621	16
23-61-0017	6027551	1427615	10 23 63	16	14,523	557	300	3	19,750	3.9	610	1-68	42	679	17
23-61-0036	5577051	1259069	10 22 61	7	12,815	466	302	4	17,125	3.3	570	2-68	44	722	16
23-61-0039	5899379	1409864	9 15 63	26	14,410	539	305	2	18,815	3.9	743	10-67	29	694	34
23-61-0039	5899380	1409864	9 24 63	26	14,035	525	305	2	21,690	3.9	852	10-67	29	1083	49
23-61-0039	6118381	1415405	4 24 64	37	14,125	541	303	2	17,515	4.0	694	9-67	40	628	22
23-62-0010	5973029	1300014	8 28 63	16	14,700	567	301	3	19,543	3.2	620	2-68	42	870	9
23-62-0010	5454689	1300014	10 5 61	18	15,130	575	301	4	21,997	3.5	767	3-68	44	1160	26
23-62-0014	5314204	1060259	7 23 59	16	13,061	469	301	6	15,186	3.6	552	3-67	44	621	19
23-62-0017	4916279	1300014	2 3 59	51	13,462	490	302	7	17,435	3.3	572	12-67	44	799	12
23-62-0017	6059584	1300014	3 27 64	42	13,860	507	294	2	18,170	3.3	597	7-67	40	751	11
23-62-0017	6059583	1300014	3 20 64	42	13,860	507	305	2	17,845	3.7	656	7-67	40	718	17
23-62-0017	5984151	1300014	11 14 63	44	13,936	514	219	3	17,710	3.5	614	3-68	42	738	13

TABLE 5.—HIGH-RANKING PROGENY OF DHIA Sires: HOLSTEIN—Continued

COW'S LAST HERD CODE	COW'S REGISTRATION NO.	COW'S SIRE REGISTRATION NO.	COW'S BIRTH DATE (Mo.) (Day) (Yr.)	HERDMATES			AVERAGE PRODUCTION OF COW				LAST CALVING (Mo.) (Yr.)		REPEAT- ABILITY (P _{CL})		COW INDEX	
				NUM- BER	MILK (Lb.)	FAT (Lb.)	IN MILK (Days)	REC- ORDS	MILK (Lb.)	FAT (P _{CL})					MILK	FAT
23-62-0017	5984161	1427052	12 14 63	50	14,126	517	297	3	18,586	3.4	629	3-68	41		802	18
23-62-0017	5984158	1427615	11 19 63	46	14,010	521	290	3	15,726	3.5	553	12-67	42		771	15
23-62-0017	6132842	1300014	7 14 64	49	14,015	525	299	2	19,230	3.4	653	2-68	40		844	15
23-62-0017	5874490	1300014	7 14 63	47	13,756	516	299	3	18,676	3.9	722	12-67	42		868	26
23-62-0017	6267153	1300014	3 18 65	40	13,825	516	294	2	17,735	3.7	658	3-68	40		710	16
23-62-0017	6358293	1300014	5 5 65	47	13,510	499	297	1	19,810	3.2	629	8-67	36		800	12
23-62-0080	6277619	1417208	10 18 64	10	11,650	427	296	1	15,700	3.6	561	5-67	35		636	25
23-62-0083	6050124	1427615	11 2 63	7	14,290	531	305	3	16,480	3.5	573	2-68	42		789	16
23-62-0092	6260390	1423862	11 12 64	42	15,390	539	300	2	19,695	3.4	662	2-68	29		731	19
23-62-0092	6157223	1423862	5 12 64	41	15,370	539	305	2	20,390	3.3	667	3-68	29		817	20
23-62-0092	6198071	1423862	8 30 64	35	15,310	539	305	2	19,785	3.4	665	4-68	29		750	20
23-62-0092	6198076	1423862	9 12 64	48	15,570	549	305	2	20,620	3.0	624	1-68	29		823	14
23-62-0092	6178281	1427615	5 30 64	45	16,000	567	305	2	20,960	3.4	713	10-67	40		1115	27
23-62-0092	6178280	1427615	5 30 64	47	15,465	552	305	2	19,405	3.3	633	7-67	40		1006	20
23-62-0092	6524984	1423862	1 9 66	28	15,130	532	305	1	19,660	3.4	673	4-68	23		628	17
23-62-0092	6524983	1423862	12 9 65	37	15,100	527	305	1	19,220	3.6	697	3-68	23		591	20
23-62-0092	6441955	1423862	1 24 65	34	15,245	539	305	2	21,855	3.3	725	4-68	29		1008	27
23-62-0094	6105918	1406271	5 12 64	10	12,665	448	305	2	14,480	3.6	527	8-67	40		651	30
23-63-0013	6118414	1427615	5 1 64	26	14,995	569	305	2	17,895	3.8	677	12-67	40		854	23
23-63-0013	6118415	1427615	5 10 64	15	14,050	541	305	1	16,880	3.8	633	7-67	35		840	20
23-63-0013	5912827	1427615	10 24 63	21	14,165	541	290	2	16,555	3.7	610	8-67	40		834	19
23-63-0023	5988582	1294703	11 25 63	24	15,510	595	299	2	19,650	3.8	747	9-67	40		853	26
23-63-0031	6098545	1239242	5 22 64	14	13,980	542	305	2	17,695	3.7	653	10-67	40		670	22
23-63-0031	6239480	1239242	2 23 65	11	12,940	497	305	1	16,930	3.7	626	7-67	36		600	20
23-63-0034	5991364	1427615	11 9 63	40	15,410	573	299	3	20,486	3.2	663	1-68	42		1138	22
23-63-0034	5969160	1427615	9 25 63	33	14,226	532	303	3	16,086	3.5	570	12-67	42		790	16
23-63-0034	5969154	1427615	8 8 63	11	14,910	558	305	2	18,735	4.0	743	5-67	40		988	31
23-63-0034	5969159	1427615	9 15 63	34	14,280	534	305	3	19,426	3.4	667	10-67	42		1174	27
23-63-0057	5865528	1199324	6 20 63	30	12,325	424	299	2	15,810	3.1	490	7-67	40		894	23
23-63-0075	6165024	1420625	8 18 64	8	13,350	462	305	1	21,000	3.6	748	2-68	25		822	28
23-63-0121	6096013	1420476	3 2 64	13	13,470	513	305	2	19,160	3.5	675	2-68	28		714	21
23-63-0121	5034189	1300014	12 13 59	12	12,835	476	268	6	16,143	3.6	585	3-68	44		706	16
23-63-0145	6657311	1300014	2 28 65	12	14,750	539	305	1	23,580	3.4	791	10-67	36		998	21
23-63-0152	6070274	1300014	1 13 64	11	12,360	465	305	2	17,520	3.9	683	7-67	40		822	22
23-63-0160	5711739	1215958	4 18 62	15	14,712	535	298	5	19,310	3.3	632	1-68	43		883	24
23-63-0160	6519821	1330987	9 7 65	9	13,510	508	305	1	18,930	3.4	648	1-68	36		753	29
23-63-0166	5836764	1199324	10 16 62	16	14,520	517	305	4	17,305	3.6	623	11-67	44		878	30
23-64-6001	6476184	1282936	9 15 65	20	17,300	643	305	1	22,730	3.1	702	12-67	34		798	19
23-64-6001	6427518	1282936	8 17 65	20	17,300	643	305	1	22,870	3.5	790	12-67	34		809	25
23-64-6001	6462677	1282936	8 20 65	20	17,300	643	296	1	20,590	3.7	767	12-67	34		633	24
23-64-6001	5958441	1199324	9 15 63	20	15,670	556	293	2	19,085	3.4	645	7-67	40		920	27
23-64-0011	6455787	1347940	10 16 65	21	15,930	597	305	1	18,880	3.9	740	12-67	36		768	30
23-64-0029	5420273	1199324	8 14 61	21	14,714	540	289	5	17,758	3.4	598	9-67	44		923	25
23-64-0056	5656865	1306477	4 1 62	9	16,997	635	299	4	21,395	3.9	824	4-68	44		663	22
23-64-0058	6492214	1348259	7 30 65	23	15,290	445	305	1	15,480	3.2	490	9-67	36		592	18

23-64-0059	5400601	1199324	3 28 61	10 15,490	599	305	3 16,183	4.5	724	7-67	42	636	33
23-64-0059	5628942	1199324	9 17 61	10 15,927	647	298	4 20,647	3.4	703	10-67	44	1134	25
23-64-0059	5940149	1199324	5 10 63	11 16,530	680	305	3 20,333	3.6	722	12-67	42	1006	24
23-64-0059	6177835	1199324	4 3 64	11 14,495	573	305	2 20,280	3.6	729	8-67	40	1149	34
23-64-0083	6554064	1347940	10 30 65	18 16,310	649	305	1 18,910	3.7	709	10-67	36	745	24
23-64-0085	6790657	1296729	10 27 65	28 11,320	429	305	1 16,390	3.8	622	8-67	36	669	15
23-64-0098	6586938	1347940	8 18 65	12 13,650	585	297	1 14,320	3.7	527	9-67	36	581	16
23-64-0098	6586939	1347940	9 30 65	18 14,730	615	295	1 16,550	3.9	643	12-67	36	675	22
23-64-0109	6541373	1296729	5 31 65	17 13,700	540	305	1 20,490	3.7	766	10-67	36	815	18
23-64-0109	6520010	1347940	10 26 65	17 13,840	546	305	1 17,610	3.9	680	11-67	36	814	29
23-64-0116	5523622	1271019	1 2 62	26 15,822	607	305	4 20,112	3.8	755	2-68	44	689	23
23-64-0116	6210299	1300014	7 22 64	27 15,895	624	295	2 20,520	3.6	729	10-67	40	804	14
23-64-0174	5400600	1199324	11 7 60	8 14,372	554	305	4 19,070	3.6	696	4-67	44	1112	35
23-64-0200	5442940	1199324	9 10 61	30 13,957	530	305	4 18,192	3.6	661	8-67	44	1050	33
23-64-0205	5531469	1154946	8 6 61	13 12,552	483	304	4 17,922	3.5	627	11-67	44	843	21
23-64-0211	6447614	1347940	8 19 65	19 15,190	561	300	1 18,100	3.8	692	9-67	36	760	29
23-64-0222	6544444	1347940	10 22 65	29 14,590	556	305	1 23,770	3.5	843	10-67	36	1222	41
23-64-0222	6544448	1347940	11 2 65	12 15,440	578	295	1 20,040	3.4	677	1-68	36	888	27
23-64-0222	6544443	1347940	9 13 65	16 15,750	594	305	1 19,510	4.1	793	1-68	36	768	33
23-64-0226	6390002	1347940	11 7 65	11 12,910	507	305	1 15,030	3.9	584	12-67	36	684	25
23-64-0227	6418332	1347940	8 18 65	22 12,980	513	305	1 15,630	3.8	588	11-67	36	724	25
23-64-0247	6347562	1347940	8 10 65	18 14,380	557	305	1 15,130	3.9	588	9-67	36	593	22
23-64-0255	6347563	1347940	8 15 65	15 16,530	581	305	1 20,620	3.6	751	10-67	36	858	32
23-64-0278	6063927	1271019	3 6 64	6 13,795	499	305	2 18,635	3.4	635	1-68	40	634	17
23-64-0293	5774094	1199324	12 30 62	10 15,820	585	305	1 20,380	3.6	728	11-67	36	944	30
23-65-0040	6107544	1381854	2 27 64	7 11,515	436	305	2 16,085	3.4	553	11-67	29	734	19
23-65-0040	6107542	1381854	2 21 64	7 11,360	421	305	2 16,625	3.5	588	12-67	29	816	25
23-65-0053	5027387	1300014	12 29 59	10 14,052	525	299	5 17,512	3.3	574	6-67	44	741	8
23-65-0069	5852404	1427615	8 2 63	40 14,703	543	301	3 18,250	3.2	590	8-67	42	992	17
23-65-0069	5977999	1427615	10 3 63	45 14,660	541	303	3 16,456	3.5	577	9-67	42	788	16
23-65-0073	5911112	1427615	8 29 63	20 15,076	527	305	3 17,876	3.8	688	2-68	42	869	29
23-65-0079	4545742	1164958	7 31 56	13 13,210	465	305	5 18,840	3.4	646	6-67	36	778	27
23-65-0088	5862638	1415405	7 4 63	5 13,080	470	305	2 20,525	3.5	711	6-67	40	1031	31
23-65-0150	5978002	1427615	11 17 63	10 14,440	521	305	2 18,865	3.2	612	5-67	40	1045	21
23-65-0159	6247581	1329588	11 14 64	12 15,970	559	305	2 20,610	3.5	722	9-67	40	743	24
23-65-0182	6011248	1427615	10 31 63	19 13,055	459	299	2 14,940	3.3	493	7-67	40	771	15
23-66-0004	6481665	1347940	10 27 65	38 16,480	572	273	1 19,100	3.7	713	11-67	36	748	30
23-66-0046	6511209	1244009	10 30 64	10 15,435	561	305	2 17,380	4.0	702	1-68	40	621	24
23-66-0064	6364512	1347940	8 12 65	10 13,160	508	305	1 15,740	3.8	595	1-68	36	661	24
23-66-0065	6425667	1448126	10 26 65	21 14,030	527	305	1 18,820	3.4	645	10-67	28	621	15
23-66-0080	6452651	1347940	1 4 66	13 14,340	533	305	1 16,210	3.7	599	2-68	36	617	22
23-66-0100	6358956	1347940	8 21 65	6 12,700	471	305	1 14,760	3.6	528	10-67	36	678	23
23-67-0004	5911766	1324959	3 6 63	17 15,932	615	298	4 20,510	3.7	761	11-67	44	690	19
23-67-0004	6128824	1347940	8 13 64	20 18,200	683	305	1 21,870	3.9	857	11-67	36	839	33
23-67-0014	6418100	1320310	7 5 64	18 13,760	548	298	2 13,065	3.9	516	9-67	40	609	16

TABLE 5.—HIGH-RANKING PROGENY OF DHIA SIRE: HOLSTEIN—Continued

COW'S LAST HERD CODE	COW'S REGISTRATION NO.	COW'S SIRE REGISTRATION NO.	COW'S BIRTH DATE (Mo.) (Day) (Yr.)	HERDMATES			AVERAGE PRODUCTION OF COW			LAST CALVING		REPEAT- ABILITY (Pct.)		COW INDEX	
				NUM- BER	MILK (Lb.)	FAT (Lb.)	IN MILK (Days)	REC- ORDS	MILK (Lb.)	FAT (Pct.)	FAT (Lb.)	(Mo.) (Yr.)	CAR	MILK	FAT
23-67-0067	6456048	1337741	9 24 65	24	21,230	814	305	1	23,070	3.4	792	12-67		653	16
23-67-0067	6456049	1337741	11 11 65	35	20,960	792	305	1	23,200	3.5	813	10-67		681	19
23-67-0067	6183004	1320310	8 23 64	25	20,400	760	305	2	23,070	3.2	727	8-67		1064	19
23-67-0084	6203598	1316590	4 4 64	10	13,230	517	305	2	20,385	3.3	668	6-67		770	19
23-67-0084	6203605	1436081	12 1 64	7	15,410	559	305	2	21,620	3.1	677	2-68		655	17
23-67-0111	6104938	1320310	7 20 64	26	14,645	531	305	2	17,470	3.7	650	10-67		976	31
23-67-0111	4954486	1050259	8 1 59	17	14,471	527	296	6	16,618	3.8	635	11-67		642	23
23-67-0111	6339830	1320310	5 21 65	37	14,400	518	305	1	16,730	3.5	591	5-67		951	26
23-67-0111	6339829	1320310	3 28 65	37	13,970	502	305	1	16,230	3.4	558	6-67		942	24
23-67-0111	5741252	1399824	12 20 62	18	14,613	534	282	3	17,370	3.6	617	11-67		674	25
23-67-0112	6238175	1337741	8 9 64	30	15,215	549	304	2	17,430	3.4	586	2-68		626	18
23-67-0127	5741388	1399824	1 20 63	5	16,456	600	305	3	21,126	3.6	750	12-67		919	33
23-67-0127	6458386	1399824	12 10 65	5	16,180	596	297	1	21,440	3.2	696	11-67		791	24
23-67-0160	6418652	1320310	11 27 65	21	17,330	635	297	1	17,540	3.6	626	1-68		767	20
23-67-0160	6233010	1337741	6 16 64	11	15,565	585	305	2	18,020	3.9	698	7-67		703	28
23-67-0200	6310919	1320310	3 5 65	13	14,420	535	299	1	20,570	3.5	728	6-67		1239	35
23-67-0200	6194473	1337741	9 28 64	23	13,980	503	298	2	20,125	3.5	697	8-67		1063	36
23-67-0200	6125930	1320310	9 1 64	20	12,690	465	305	1	16,240	3.2	525	7-67		1030	24
23-67-0200	5708707	1316590	4 1 62	16	14,985	521	305	2	21,195	3.3	698	3-67		692	22
23-67-0200	5702589	1399824	11 17 62	17	13,825	508	270	2	16,415	3.8	631	5-67		616	27
23-67-0200	6645404	1320310	2 28 66	51	16,550	598	302	1	19,330	3.1	602	12-67		955	20
23-67-0200	6507438	1320310	11 19 65	52	16,550	598	305	1	21,350	3.2	680	12-67		1107	26
23-67-0207	6367612	1309574	9 3 65	12	16,170	636	305	1	21,250	4.0	846	12-67		690	32
23-67-0220	5717326	1199324	9 2 62	14	14,110	528	298	3	15,863	3.3	519	11-67		742	17
23-67-0220	6119086	1337741	8 23 64	17	14,630	553	305	1	16,150	3.7	594	4-67		582	20
23-67-0220	6196339	1399824	8 9 64	13	14,500	532	305	2	16,670	3.5	581	12-67		583	20
23-67-0226	6478658	1330987	3 14 64	23	11,330	401	304	2	14,635	3.5	511	7-67		642	28
23-67-0243	5829207	1199324	7 5 61	16	13,776	515	294	5	15,810	3.9	614	10-67		781	29
23-67-0260	6318960	1337741	3 24 65	16	14,100	519	300	1	16,200	3.6	584	7-67		622	22
23-67-0290	6100434	2605990	3 24 63	32	15,700	550	292	2	19,720	3.5	699	2-68		674	17
23-67-0290	6053368	1406271	4 7 64	27	16,290	566	293	2	19,155	3.3	628	1-68		782	28
23-67-0292	6160776	1320310	7 4 64	5	15,325	557	305	2	14,695	3.6	526	7-67		631	16
23-67-0293	5163299	1345974	7 15 60	16	15,310	545	303	3	21,066	3.4	721	8-67		695	19
23-67-0300	5488222	1347940	12 2 61	12	16,597	598	305	4	20,635	3.6	741	1-68		1008	36
23-67-0300	5854768	1199324	6 21 63	11	16,616	573	304	3	16,936	3.5	597	7-67		606	21
31-02-0001	4766669	1035164	6 10 58	9	13,115	463	305	2	17,570	3.4	590	10-67		708	15
31-03-0019	6635423	1355784	10 15 65	13	12,530	467	305	1	15,690	3.2	508	10-67		816	14
31-03-0019	6618229	1355784	10 22 65	13	12,530	467	305	1	15,150	3.8	578	10-67		774	19
31-03-0019	6371474	1355784	7 12 65	9	12,650	473	305	1	15,170	3.4	557	9-67		844	17
31-03-0020	6327040	1406271	7 23 65	7	12,510	465	289	1	15,240	3.5	541	10-67		704	29
31-03-0020	6199776	1406271	11 5 64	8	14,630	490	305	1	18,190	3.4	625	5-67		783	34
31-03-0020	6199779	1406271	12 2 64	5	13,550	460	305	1	18,710	3.7	701	2-67		895	41
31-03-0028	6073344	1423524	12 14 63	25	16,243	616	298	3	20,870	3.5	726	12-67		631	17
31-03-0036	6757363	1406271	12 18 65	20	14,080	482	305	1	17,520	3.4	591	10-67		769	31
31-03-9040	5948701	1271810	12 14 63	28	15,733	575	301	3	19,476	3.3	640	1-68		808	16

31-03-9040	5948698	1271810	9 21 63	26	15,746	580	305	3	18,303	3.5	638	1-68	42	672	15
31-03-9040	6111139	1406271	8 18 64	27	16,365	591	305	2	20,515	3.3	683	1-68	40	914	32
31-03-9045	6229290	1406271	11 3 64	12	15,240	529	305	2	16,785	3.3	547	3-67	40	637	23
31-03-9045	6007158	1406271	11 6 63	9	15,740	566	305	2	20,835	3.2	677	6-67	40	1017	34
31-03-9045	6337327	1406271	4 22 65	10	15,120	534	305	1	19,430	3.5	673	5-67	35	843	34
31-03-9070	5938743	1406271	11 20 63	8	14,005	483	248	2	15,290	3.8	575	6-67	40	611	31
31-03-9070	5890217	1406271	3 17 63	17	15,250	523	304	3	19,063	3.2	614	10-67	42	924	32
31-03-9070	6212619	1406271	10 27 64	6	16,720	569	305	1	18,630	3.7	680	3-67	35	674	32
31-03-9070	6168748	1406271	4 27 64	9	13,765	473	304	2	20,850	3.3	691	7-67	40	1200	44
31-03-9070	5853678	1406271	2 8 63	15	16,195	562	302	2	18,380	4.6	853	12-67	40	725	52
31-03-9070	6481630	1406271	11 24 65	19	15,710	564	305	1	19,620	3.7	719	1-68	35	804	35
31-03-9083	5886993	1406271	8 19 63	11	13,293	493	305	3	18,303	4.0	726	2-68	42	1027	48
31-03-9083	5947787	1406271	9 21 63	15	14,735	537	305	2	16,295	3.8	625	6-67	40	646	31
31-03-9083	6026209	1271810	1 30 64	13	12,490	468	305	2	16,015	3.8	608	9-67	40	712	21
31-03-9084	6056383	1406271	3 14 64	56	15,240	569	305	2	21,030	3.3	688	10-67	40	1083	35
31-03-9084	5978998	1406271	12 10 63	50	14,865	554	305	2	19,100	3.7	705	8-67	40	921	38
31-03-9084	5978992	1271810	10 28 63	60	15,200	569	297	2	20,880	3.1	656	9-67	40	959	17
31-03-9084	5975061	1406271	10 27 63	45	15,145	553	296	2	16,440	4.4	726	6-67	40	624	40
31-03-9084	6570162	1406271	7 5 65	53	14,640	548	305	1	17,300	3.5	606	8-67	35	715	28
31-03-9084	6346099	1406271	3 21 65	47	15,260	557	305	1	20,390	3.8	768	5-67	35	906	40
31-03-9084	6346098	1406271	3 13 65	47	15,260	557	305	1	19,290	3.7	721	5-67	35	823	36
31-03-9084	6346095	1406271	2 10 65	47	15,260	557	305	1	18,040	3.6	644	5-67	35	729	30
31-03-9084	6346100	1406271	4 13 65	47	15,260	557	305	1	18,950	3.8	723	5-67	35	797	36
31-03-9084	6302428	1406271	2 1 65	47	15,260	557	305	1	21,720	3.3	725	5-67	35	1006	37
31-03-9086	6158651	1392858	4 18 64	9	13,380	498	305	1	16,450	3.8	618	4-67	31	593	27
31-03-9093	6012664	1271810	9 10 63	15	15,006	570	305	3	18,596	3.6	673	10-67	42	782	20
31-03-9093	5763672	1271810	5 16 62	13	15,315	576	301	4	17,982	3.8	678	12-67	44	695	21
31-03-9095	5959205	1410842	10 7 63	22	15,045	552	305	2	20,325	3.4	699	7-67	29	733	20
31-03-9096	6077628	1406271	1 30 64	18	12,450	410	305	2	13,655	3.2	438	9-67	40	587	24
31-03-9100	6139385	1406271	4 19 64	9	13,040	477	298	2	14,550	4.1	592	7-67	40	624	33
31-03-9100	6405758	1406271	4 21 65	11	13,090	479	305	1	15,780	3.4	531	7-67	35	705	27
31-03-9112	6302356	1406271	6 14 64	9	13,900	502	292	2	16,085	3.4	541	1-68	40	688	25
31-03-9120	6225778	1406271	4 7 64	47	15,110	544	305	2	19,645	4.0	783	10-67	40	954	47
31-03-9120	6225787	1355784	11 27 64	22	15,370	575	305	1	15,510	4.1	633	6-67	35	606	16
31-03-9285	6355575	1406271	2 27 65	6	13,950	488	305	1	16,720	3.4	571	2-68	35	705	29
31-03-9285	5949115	1406271	8 12 63	8	15,320	556	305	1	16,300	4.0	653	3-67	35	593	31
31-03-9300	5962377	1406272	10 2 63	15	14,950	508	305	2	19,675	3.5	682	6-67	29	617	22
31-03-9315	5996606	1406271	10 11 63	25	15,013	562	305	3	16,836	3.7	619	11-67	42	689	29
31-03-9330	6421463	1355784	12 8 65	17	13,160	483	302	1	16,070	3.3	534	12-67	35	801	15
31-03-9330	6421463	1355784	9 30 65	24	13,060	481	305	1	18,430	4.2	779	11-67	35	989	34
31-03-9330	5752943	1271810	12 30 62	20	13,233	499	298	3	15,700	3.8	595	9-67	42	633	18
31-03-9330	5781821	1271810	3 3 63	20	13,123	493	303	3	15,393	3.7	570	8-67	42	609	16
31-03-9495	6406875	1406271	10 6 65	18	15,130	519	305	1	19,380	3.6	689	2-68	35	825	36
31-03-9495	6289116	1406271	12 30 64	20	15,260	526	305	1	20,080	3.9	775	1-68	35	869	42
31-03-9495	6207478	1355784	1 15 64	21	15,630	541	305	2	17,480	3.1	550	1-68	40	736	12

TABLE 5.—HIGH-RANKING PROGENY OF DHIA SIRE: HOLSTEIN—Continued

COW'S LAST HERD CODE	COW'S REGISTRATION NO.	COW'S SIRE REGISTRATION NO.	COW'S BIRTH DATE (Mo.) (Day) (Yr.)	HERDMATES			AVERAGE PRODUCTION OF COW					LAST CALVING			REPEAT- ABILITY (Pct.)	COW INDEX	
				NUM- BER	MILK (Lb.)	FAT (Lb.)	IN MILK (Days)	REC- ORDS	MILK (Lb.)	FAT (Pct.)	FAT (Lb.)	(Mo.) (Yr.)	CAR	MILK		FAT	
31-03-0707	6582543	1406271	1 10 66	13	18,300	673	295	1	21,490	3.6	784	2-68	35	769	32		
31-04-0024	5821512	1259069	11 13 62	25	17,632	636	305	4	22,885	3.4	778	12-67	44	898	23		
31-04-0051	5341547	1065220	1 16 61	12	16,117	602	288	4	20,222	3.6	733	12-67	44	649	20		
31-04-0825	5968805	1428634	12 4 63	6	14,950	545	305	2	19,630	3.5	682	7-67	34	698	20		
31-05-9020	5869316	1403382	3 15 63	21	14,843	530	299	3	19,763	3.5	686	10-67	38	918	38		
31-06-0013	6202082	1283917	11 6 64	27	11,770	456	305	2	16,580	3.7	612	10-67	40	783	16		
31-06-0016	6472181	1321904	11 22 65	22	15,030	574	305	1	19,380	3.4	659	12-67	34	660	17		
31-06-9024	6373262	1308101	10 12 65	15	15,460	560	305	1	15,330	3.8	582	10-67	35	608	21		
31-06-0050	5931973	1330987	8 17 63	16	14,260	519	305	2	20,175	4.3	858	4-67	40	937	52		
31-06-0094	6379145	1438285	2 24 65	5	15,970	538	299	1	18,330	3.3	613	6-67	25	650	21		
31-06-9800	5924244	1408215	9 19 63	39	15,640	551	305	2	22,225	3.4	750	11-67	29	827	27		
31-06-9800	6077001	1199324	4 12 64	43	15,160	539	301	2	20,085	3.4	684	9-67	40	1069	33		
31-06-9800	5770328	1340669	1 1 63	39	15,817	548	305	4	21,227	3.2	678	2-68	44	952	17		
31-06-0920	6816157	1271810	6 28 65	11	13,600	528	305	1	17,060	3.6	617	9-67	36	648	15		
31-07-9012	6210910	1406271	10 12 64	17	14,110	528	305	1	16,180	3.8	620	9-67	35	666	31		
31-07-9390	6183341	1406271	10 22 64	16	14,870	564	305	1	21,660	3.5	748	7-67	35	1028	38		
31-07-9390	6183337	1355784	7 9 64	24	14,905	575	305	2	20,080	3.6	719	8-67	39	1096	26		
31-07-9390	6183338	1406271	7 10 64	15	15,665	620	305	2	21,865	4.1	892	2-68	40	1116	50		
31-07-9390	6277949	1406271	1 13 65	22	15,400	579	305	1	17,280	3.8	662	9-67	35	662	30		
31-07-9390	4717083	1013415	8 8 58	18	14,755	564	305	4	21,715	3.6	784	7-67	44	951	28		
31-08-9006	5866269	1319148	12 27 62	10	16,200	584	301	3	21,980	3.1	691	8-67	32	1037	23		
31-08-9006	5921087	1319148	10 7 63	11	15,995	592	295	2	21,290	3.3	709	6-67	29	892	23		
31-09-9005	6191834	1243697	2 2 64	7	14,920	535	305	2	23,285	3.7	850	1-68	40	783	33		
31-09-0034	6247635	1319896	11 1 64	7	15,520	540	304	2	20,810	3.3	696	1-68	29	869	26		
31-09-0038	6413047	1308101	10 11 65	14	13,200	476	305	1	20,280	3.3	660	12-67	35	1142	32		
31-09-9051	6266615	1406271	3 28 65	18	13,960	505	305	1	19,770	3.5	699	9-67	35	948	38		
31-09-9051	6363350	1406271	8 26 65	18	14,750	539	305	1	18,400	3.6	657	10-67	35	790	33		
31-09-9051	6363349	1406271	8 16 65	18	14,750	539	305	1	16,960	3.4	582	10-67	35	682	27		
31-09-9051	6202707	1406271	11 30 64	22	14,120	510	305	1	15,210	3.5	525	3-67	35	592	25		
31-09-9051	6090169	1406271	1 6 64	15	14,670	536	305	2	19,345	3.8	743	9-67	40	964	43		
31-09-9051	6117095	1406271	3 6 64	15	14,605	527	305	2	16,335	3.9	635	9-67	40	662	33		
31-09-9051	5900432	1406271	10 24 63	13	15,450	565	300	3	17,366	3.6	623	11-67	42	705	29		
31-09-9051	6028520	1406271	2 21 64	15	15,285	555	305	2	17,415	3.6	628	12-67	40	697	29		
31-09-9480	6070406	1418927	5 25 64	7	18,330	680	305	1	21,720	3.5	761	2-67	24	617	16		
31-09-9480	6043476	1418927	4 2 64	8	17,010	647	305	2	21,895	3.4	735	2-68	30	883	19		
31-09-9480	6223725	1418927	11 11 64	15	15,860	590	305	1	21,010	3.6	756	7-67	24	752	23		
31-09-9480	6223723	1418927	7 1 64	9	17,470	656	292	2	22,280	3.7	828	1-68	30	873	29		
31-09-0520	5983323	1414540	9 14 63	42	13,580	487	305	2	17,955	3.4	619	9-67	29	625	18		
31-09-0520	6331528	1406271	1 15 65	46	11,690	420	305	1	14,750	3.7	546	8-67	35	723	32		
31-09-0520	5636626	1368805	8 16 62	44	13,265	476	304	4	18,532	3.6	666	9-67	35	879	33		
31-10-0045	5282333	1154946	6 23 59	12	15,317	564	305	4	20,615	3.3	670	2-68	44	868	18		
31-11-0098	5861558	1340669	5 25 63	47	13,636	519	289	3	17,953	3.2	578	9-67	42	760	7		
31-11-0098	6373282	1406271	7 27 65	54	13,870	514	305	1	21,280	3.3	694	8-67	35	1068	37		
31-11-0098	6373280	1406271	7 20 65	41	13,640	511	305	1	18,450	3.8	702	7-67	35	870	30		
31-11-0098	6373287	1406271	8 25 65	54	13,870	514	305	1	18,990	3.5	662	8-67	35	895	35		

31-11-0098	6373273	1464563	9	4	65	39	13,950	517	305	1	20,570	3.8	785	7-67	22	683	28
31-11-0112	6569833	1406271	3	12	65	10	11,300	421	305	1	12,900	3.4	439	12-67	35	610	24
31-11-0133	6150716	1316533	11	7	64	15	13,905	506	301	2	21,265	3.4	720	11-67	40	776	24
31-11-0476	6272698	1406271	12	29	64	32	15,650	612	305	2	17,235	4.3	747	2-68	40	645	36
31-11-0578	6151512	1406271	10	12	64	10	15,490	574	288	2	16,855	3.7	616	1-68	40	621	26
31-11-0578	6490782	1406271	10	3	65	12	15,270	580	305	1	24,540	3.2	785	1-68	35	1206	39
31-11-0578	6490781	1406271	10	3	65	9	15,710	601	300	1	17,200	3.7	643	2-68	35	621	27
31-11-0697	5836593	1199324	4	23	63	22	13,475	476	294	2	14,355	3.6	510	3-67	40	641	21
31-11-0697	5557065	1199324	4	24	62	24	13,340	483	305	3	18,560	3.4	624	3-67	42	1132	33
31-11-0697	6053304	1199324	4	5	64	13	12,620	455	305	1	14,640	3.5	509	6-67	36	731	23
31-11-9731	6372554	1406271	2	5	65	29	15,090	564	305	1	21,040	3.6	759	8-67	35	967	39
31-11-9935	6521977	1406271	1	2	66	13	14,320	535	301	1	17,090	3.2	541	2-68	35	708	24
31-11-9935	6521978	1406271	1	1	66	13	14,320	535	305	1	15,780	4.0	634	2-68	35	609	31
31-12-0081	6301470	1406271	2	12	65	20	12,160	449	305	1	16,250	4.0	653	9-67	35	804	38
31-13-0017	5691305	1340669	11	1	62	20	12,900	445	305	3	18,980	3.0	570	3-68	42	954	14
31-14-0024	6878650	1321904	10	27	65	6	12,070	452	282	1	18,360	3.6	658	11-67	34	786	25
31-14-0024	4860129	1060259	11	12	58	25	12,220	434	305	4	16,315	3.3	544	7-67	44	847	22
31-15-0042	6578269	1330987	11	7	65	6	15,500	573	305	1	19,030	3.5	658	11-67	36	595	25
31-15-0093	5210790	1010936	9	29	60	8	18,226	668	295	6	21,116	3.9	819	3-68	44	610	32
31-15-0094	5413198	1035164	9	12	60	8	14,465	536	296	4	20,560	3.7	760	10-67	42	1017	31
31-15-0105	6075766	1406271	2	15	64	5	13,455	500	305	2	18,115	3.9	705	10-67	40	950	43
31-15-0111	6285429	1393629	12	26	64	10	15,240	554	305	1	23,460	3.4	798	7-67	25	829	22
31-15-0247	5559353	1215958	12	1	61	12	12,173	433	305	3	15,140	3.6	545	4-68	41	604	21
31-15-9504	6076505	1406271	5	20	64	16	17,360	625	305	2	19,930	3.8	752	1-68	40	776	36
31-15-9504	6489561	1406271	11	20	65	23	17,390	652	305	1	19,830	3.7	728	2-68	35	706	30
31-15-9504	6169301	1271810	10	21	64	23	16,985	608	305	2	21,825	3.7	812	11-67	40	891	29
31-15-9504	6169296	1284716	8	25	64	24	17,160	618	305	2	23,000	3.3	751	10-67	40	800	13
31-15-9504	6169300	1271810	9	19	64	28	17,205	618	305	2	19,790	3.6	720	12-67	40	665	19
31-15-0676	5675075	1371548	10	29	62	19	12,900	477	305	2	17,335	3.8	651	12-67	37	632	25
31-17-0005	6327163	1406271	9	18	64	12	13,640	547	304	2	15,565	4.1	644	12-67	40	673	32
31-17-0013	6510792	1271810	7	23	65	18	14,710	554	296	1	18,270	3.9	708	8-67	36	664	20
31-17-0013	5955821	1271810	11	1	63	15	15,355	561	305	2	18,855	3.3	616	9-67	40	739	14
31-17-9020	6379544	1406271	4	30	65	10	14,210	560	305	1	16,050	4.6	743	5-67	35	650	38
31-17-9020	6379545	1406271	10	7	65	5	14,210	592	305	1	16,760	4.4	736	10-67	35	703	35
31-17-9200	6316672	1406271	1	20	65	6	16,130	544	305	1	22,470	3.9	885	4-67	35	1004	49
31-17-9200	4823174	1196645	1	1	59	14	17,182	601	303	7	23,141	3.0	697	11-67	44	792	11
31-17-0500	6458563	1284716	10	15	65	58	15,200	577	305	1	21,760	3.7	801	10-67	35	685	15
31-17-0700	6321388	1271810	11	14	64	12	13,635	508	305	2	17,245	3.7	631	2-68	40	733	20
31-17-0700	6363042	1271810	1	1	65	11	14,160	511	286	2	18,130	3.6	647	4-68	40	775	21
31-17-0700	6086181	1271810	1	1	64	16	13,255	506	300	2	16,720	3.5	593	8-67	40	714	16
31-17-0700	5991022	1271810	9	1	63	14	14,200	542	305	3	17,120	3.5	605	1-68	42	696	15
31-17-0700	5991025	1406271	9	22	63	16	14,850	543	305	3	17,276	3.9	675	3-68	42	744	37
31-17-0750	5952355	1406271	12	8	63	14	17,126	594	303	3	19,840	3.2	626	11-67	42	818	26
31-17-0750	5952353	1406271	10	14	63	12	16,736	584	305	3	17,776	3.6	647	10-67	42	618	30
31-17-0750	6365568	1406271	10	29	64	13	16,480	580	302	2	20,505	3.5	714	10-67	40	916	36

TABLE 5.—HIGH-RANKING PROGENY OF DHIA SIRE: HOLSTEIN—Continued

COW'S LAST HERD CODE	COW'S REGISTRATION NO.	COW'S SIRE REGISTRATION NO.	COW'S BIRTH DATE (Mo.) (Day) (Yr.)	HERDMATES			AVERAGE PRODUCTION OF COW				LAST CALVING		REPEAT- ABILITY (Pct.)	COW INDEX	
				NUM- BER	MILK (Lb.)	FAT (Lb.)	IN MILK (Days)	REC- ORDS	MILK (Lb.)	FAT (Pct.)	(Mo.) (Yr.)	CAR		MILK	FAT
31-17-0750	6365574	1271810	12 28 64	9	17,150	606	305	1	22,370	3.0	673	6-67	36	805	14
31-17-0750	6365569	1406271	12 11 64	11	17,930	614	305	1	21,560	3.3	709	5-67	35	813	31
31-17-0850	5742349	1355784	1 24 63	14	13,247	494	304	4	15,837	3.4	537	12-67	42	838	15
31-19-0020	5652952	1199324	9 5 62	6	14,562	516	298	4	16,615	3.9	652	8-67	44	788	34
31-19-0412	6114225	1222994	10 28 63	17	13,170	471	305	2	16,795	3.5	581	9-66	40	707	23
31-21-0029	5971062	1271810	9 26 63	13	14,470	477	305	3	18,096	3.1	563	2-68	42	780	17
31-21-0029	5971061	1271810	9 10 63	19	14,210	482	305	3	16,656	3.4	559	10-67	42	641	16
31-21-0803	6399175	1406271	5 26 65	16	13,070	454	305	1	14,530	3.2	460	7-67	35	612	23
31-22-9002	6526524	1449500	10 3 65	19	15,650	508	305	1	21,570	3.1	660	1-68	28	643	17
31-22-9002	6533352	1406271	11 25 65	13	15,220	491	305	1	17,550	3.4	589	2-68	35	681	30
31-22-9002	6493921	1406271	11 15 65	13	15,220	491	292	1	16,810	3.1	529	2-68	35	625	26
31-22-0006	6546372	1331709	11 2 65	22	16,820	587	305	1	21,710	3.3	714	11-67	33	808	18
31-22-0006	6546371	1331709	9 1 65	24	16,750	591	305	1	20,220	3.4	697	10-67	33	697	16
31-22-0006	5853680	1406271	3 15 63	27	16,143	581	305	3	18,190	3.7	667	2-68	42	652	32
31-22-0006	6319722	1406271	3 22 65	27	14,980	538	305	1	16,780	3.9	654	7-67	35	652	32
31-22-9009	6387025	1392259	7 31 65	9	18,690	657	305	1	25,160	3.4	865	12-67	25	690	23
31-22-9019	6083048	1436755	3 6 64	15	15,225	544	305	2	19,645	3.6	710	8-67	28	630	23
31-23-0009	6069245	1422718	11 26 63	28	15,313	557	302	3	21,866	3.2	702	10-67	38	913	23
31-23-0009	6527210	1450692	11 23 65	33	15,380	573	305	1	17,100	3.9	673	11-67	28	596	27
31-23-0031	6139834	1435064	9 28 64	28	14,590	544	305	2	22,660	3.3	744	12-67	35	1061	28
31-23-0074	5867010	1283917	10 24 62	10	15,175	554	305	4	19,140	3.2	613	11-67	44	804	8
31-23-0200	6572121	1450692	3 12 66	42	14,580	561	297	1	16,590	4.1	679	2-68	28	613	28
31-23-0200	6156271	1422718	6 16 64	39	15,403	599	300	3	19,346	4.0	770	2-68	38	592	28
31-23-0200	6001288	1392858	10 29 63	34	15,526	604	283	3	18,143	3.6	653	1-68	38	661	23
31-23-0200	5920346	1392858	8 11 63	50	15,036	596	305	3	20,116	3.6	715	7-67	38	959	32
31-23-0200	5920347	1392858	8 17 63	64	15,310	602	305	3	19,286	3.9	747	9-67	38	826	35
31-24-0001	6403766	1308101	8 22 65	9	14,250	539	291	1	17,070	3.9	670	9-67	35	824	29
31-24-9013	5750701	2345280	5 9 56	6	12,453	442	305	3	18,670	3.2	604	9-67	42	784	17
31-26-0015	6532909	1308101	4 2 66	7	15,140	557	305	1	18,310	3.6	651	3-68	35	766	23
31-26-9075	6101095	1392858	11 30 63	23	15,445	583	305	2	19,320	3.7	720	11-67	36	764	32
31-26-9075	6101094	1393645	12 28 63	18	15,270	581	302	3	18,733	3.7	692	12-67	38	737	26
31-26-0078	6049316	1271810	11 24 63	12	13,043	490	305	3	15,703	3.6	560	11-67	42	653	15
31-26-0078	6245826	1406271	12 16 64	14	13,705	505	305	2	14,745	3.6	529	12-67	40	583	24
31-26-0095	5655948	1199324	3 2 62	14	14,165	525	305	4	14,795	3.4	555	6-67	44	607	20
31-26-0400	4771419	1286840	12 5 58	12	14,188	512	296	5	17,166	3.8	587	2-68	36	653	15
31-26-0550	6771048	1308101	5 1 66	8	12,000	430	305	1	16,280	3.5	570	12-67	35	827	26
31-27-9023	5657851	1284159	6 21 62	48	13,210	438	305	4	16,807	3.4	572	2-68	37	628	21
31-27-9023	6000984	1284159	8 23 63	56	13,163	437	305	3	17,223	3.1	526	2-68	36	662	15
31-28-0030	6460366	1308101	10 3 65	25	16,420	556	305	1	20,730	3.3	681	2-68	35	883	26
31-28-0725	5946082	1282936	11 29 63	18	15,970	522	305	2	20,455	3.5	724	8-67	38	833	28
31-29-9029	5145053	1300160	6 1 60	16	13,350	493	305	4	17,155	3.6	621	2-68	35	629	22
31-29-9029	5606732	1300160	3 23 62	11	12,770	459	304	3	17,726	3.5	626	6-67	33	741	25
31-29-9360	5970277	1396976	10 19 63	13	13,310	490	305	2	18,040	3.5	631	7-67	29	606	18
31-29-0660	6376575	1417208	6 26 65	13	13,950	522	305	1	19,760	3.7	723	11-67	35	791	30
31-30-0780	6346265	1308101	1 6 65	24	14,805	539	304	2	16,495	3.6	594	11-67	39	755	24

31-32-9012	6483116	1381027	1 15 66	17	16,700	619	305	1	22,080	3.6	803	12-67	27	787	35
31-32-0018	5750169	1271810	9 17 62	10	14,073	497	299	3	17,803	3.2	578	3-68	42	787	17
31-32-9048	6546374	1331709	1 18 66	19	16,000	565	305	1	23,010	3.4	699	2-67	34	925	16
31-32-9048	6546373	1331709	1 11 66	23	15,820	563	305	1	21,890	3.2	704	1-68	34	851	17
31-32-9690	6464541	1406271	11 27 65	10	13,010	466	305	1	14,370	4.0	568	11-67	35	604	31
31-32-9690	5672195	1196645	1 5 62	9	12,890	484	305	3	18,453	3.8	695	1-68	42	608	21
31-32-9690	5719861	1271810	12 20 62	11	14,595	515	305	4	17,947	3.5	624	3-68	44	771	21
31-32-9690	6371060	1406271	8 25 65	14	12,790	443	305	1	15,630	3.4	528	8-67	35	714	29
31-32-9690	6215812	1406271	10 23 64	13	13,355	476	305	2	17,565	4.0	694	11-67	40	903	44
31-32-9840	5954375	1355784	12 6 63	11	15,423	568	305	3	17,646	3.6	640	12-67	41	808	19
31-34-9024	6168255	1403382	9 5 64	14	16,700	650	305	1	22,060	3.3	738	5-67	31	784	29
31-35-0018	5784982	1199324	12 3 62	7	12,293	455	304	3	13,850	3.8	520	8-67	42	699	24
31-35-9024	5574077	1199324	3 28 62	20	15,923	602	305	3	20,156	3.7	736	3-67	42	1048	34
31-35-9024	5899794	1355784	8 25 63	16	15,923	607	305	3	20,733	3.5	726	1-68	41	1117	25
31-35-9024	6394409	1406271	5 18 65	11	13,860	546	305	1	17,040	3.6	612	6-67	35	748	29
31-35-0026	6406079	1308101	11 8 65	14	15,020	547	285	1	17,030	3.7	626	11-67	35	768	25
31-35-0550	4186503	1013415	1 16 56	8	15,921	570	303	7	19,854	3.5	700	2-68	44	613	18
31-35-0550	6390406	1406271	7 25 65	8	14,370	527	305	1	19,390	4.0	780	8-67	35	891	43
31-36-0036	5742725	1315498	11 23 62	10	12,790	435	304	3	17,870	3.2	570	7-67	42	641	16
31-38-0028	6502192	1406271	2 27 64	20	13,940	491	300	2	15,120	3.8	576	8-67	40	600	31
31-38-9035	4851812	1060259	1 3 59	10	13,910	499	302	6	20,008	3.7	733	6-67	44	1144	39
31-38-9071	5829531	1199324	12 7 62	12	15,180	536	305	3	16,603	3.6	598	5-67	42	716	25
31-38-0076	6564657	1406271	11 1 65	9	13,060	446	305	1	15,600	3.6	568	2-68	35	681	32
31-38-0076	6564652	1406271	6 27 65	9	13,060	446	305	1	18,250	3.0	547	2-68	35	881	30
31-38-0076	6382240	1406271	4 9 65	7	12,830	440	305	1	16,050	3.4	538	12-67	35	743	30
31-38-0076	6080034	1406271	11 27 63	9	12,730	425	305	3	14,343	3.5	500	3-68	42	624	29
31-39-0005	6608194	1271810	3 20 65	7	12,730	430	305	1	16,750	3.8	638	12-67	36	683	23
31-39-0005	6199925	1271810	7 22 64	7	12,405	426	288	2	15,895	3.6	567	11-67	35	875	14
31-39-0014	6100549	1406271	2 22 64	9	12,700	443	305	2	14,635	3.2	471	9-67	40	664	24
31-39-9047	5669842	1379819	7 21 62	40	17,042	599	305	4	21,280	3.4	732	12-67	34	687	21
31-39-9047	5476131	1357770	12 10 61	35	16,802	590	305	4	20,407	3.4	685	12-67	36	598	17
31-39-9047	5219760	1357770	11 8 60	35	17,152	593	305	5	20,620	3.3	682	2-68	37	605	17
31-39-9047	6083699	2335280	12 27 61	12	16,555	590	305	4	21,417	3.4	729	3-68	43	694	17
31-39-0140	5996195	1406271	12 21 63	27	15,430	548	290	2	17,035	4.2	722	9-67	40	658	40
31-39-0140	5847925	1355784	8 22 62	19	15,812	564	305	4	19,907	3.2	628	12-67	42	1060	19
31-39-0140	6113644	1406271	7 9 64	29	15,180	542	305	2	19,660	3.4	674	9-67	40	949	36
31-39-0140	6355789	1355784	3 31 65	28	15,800	572	305	1	18,700	3.2	598	7-67	35	821	13
31-39-0140	6355786	1341149	3 10 65	25	16,590	598	305	1	23,110	3.3	756	11-67	35	774	13
31-39-0160	6179544	1406271	8 9 64	17	14,580	536	305	2	17,410	3.5	605	3-68	40	761	29
31-39-0160	6179548	1355784	6 20 64	17	14,270	525	305	2	17,715	3.3	587	1-68	40	885	17
31-39-0160	6228541	1355784	1 8 65	19	14,350	533	305	1	18,030	3.4	622	11-67	35	869	18

TABLE 5.—HIGH-RANKING PROGENY OF DHIA SIRE: HOLSTEIN—Continued

COW'S LAST HERD CODE	COW'S REGISTRATION NO.	COW'S SIRE REGISTRATION NO.	COW'S BIRTH DATE (Mo.) (Day) (Yr.)	HERDMATES			AVERAGE PRODUCTION OF COW					LAST CALVING		REPEAT- ABILITY (Pct.)	COW INDEX	
				NUM- BER	MILK (Lb.)	FAT (Lb.)	IN MILK (Days)	REC- ORDS	MILK (Lb.)	FAT (Pct.)	FAT (Lb.)	(Mo.) (Yr.)	CAR		MILK	FAT
31-39-9280	5406432	265167C	4 17 61	5	15,422	540	305	5	21,320	3.3	706	9-67	38	886	25	
31-39-9280	6467359	1271810	8 18 65	11	14,500	509	305	1	21,150	3.5	750	9-67	36	892	26	
31-39-0395	6457795	1406271	10 26 65	27	14,470	529	305	1	19,800	3.2	629	10-67	35	915	31	
31-39-0395	6175861	1284716	10 18 64	28	14,200	526	304	2	19,030	3.9	749	10-67	40	667	22	
31-39-0490	6037779	1406271	2 29 64	5	14,505	511	305	2	19,360	3.9	755	6-67	40	980	47	
31-41-0009	6435984	1308101	9 5 65	8	13,780	480	265	1	14,050	3.6	500	12-67	35	626	20	
31-41-9675	6383961	1321904	8 16 65	15	16,490	552	305	1	22,230	3.0	667	9-67	34	778	19	
31-41-0700	6451645	1308101	9 4 65	15	15,050	525	305	1	14,810	3.8	565	10-67	35	597	22	
31-41-0700	5940379	1243697	9 5 63	13	15,463	543	302	3	21,436	3.3	708	12-67	42	632	20	
31-42-0041	6339486	1406271	7 13 65	16	13,670	488	305	1	19,340	3.0	586	9-67	35	935	31	
31-42-0053	6815696	1406271	9 26 65	9	10,810	352	305	1	15,040	3.4	510	9-67	35	804	34	
31-42-0057	6372846	1406271	4 29 65	12	15,280	521	305	1	17,480	3.7	653	7-67	35	685	34	
31-42-0057	6293153	1406271	2 11 65	13	15,780	541	305	1	16,750	3.8	635	9-67	35	596	31	
31-42-0057	5505298	1370445	2 26 62	12	15,057	516	305	4	20,475	3.1	632	9-67	33	1057	23	
31-42-9076	5810441	1271810	11 17 62	30	14,040	496	297	3	18,740	3.2	594	9-67	42	899	19	
31-42-9076	5562998	1370445	5 6 62	15	15,850	536	305	4	21,367	3.1	654	2-68	33	1083	24	
31-42-9076	5932745	1370445	9 7 63	19	16,216	547	305	3	20,090	3.1	628	3-68	31	817	18	
31-42-0768	5531185	1271810	8 25 61	18	13,965	493	305	4	16,860	3.4	578	10-67	44	706	18	
31-42-9925	6122133	1406271	8 21 64	29	15,775	574	299	2	21,685	3.5	767	11-67	40	1101	42	
31-42-9925	6122132	1406271	8 17 64	26	15,945	582	297	2	19,210	3.5	674	12-67	40	833	32	
31-46-0010	5979003	1271810	11 2 63	25	15,613	572	305	3	19,603	3.2	618	1-68	42	835	13	
31-46-0030	5249485	1199324	12 15 60	25	13,890	524	305	2	14,905	4.0	593	4-67	40	659	25	
31-46-0030	5247616	1199324	10 4 60	41	13,098	486	276	5	14,864	3.8	563	10-67	44	737	26	
31-46-0038	5555933	1087974	3 24 62	19	14,465	520	287	4	17,695	3.4	594	10-67	44	754	22	
31-46-0042	5708563	1271810	9 23 62	39	14,362	515	301	4	17,627	3.3	582	9-67	44	757	16	
31-46-0042	4780933	1113350	12 29 58	16	13,981	503	305	6	18,721	3.6	678	6-67	44	647	23	
31-46-0042	4746633	1013415	10 28 58	33	14,368	515	305	6	18,525	3.4	634	11-67	44	622	16	
31-46-0042	5992120	1271810	10 10 63	39	14,990	536	305	3	17,263	3.6	630	1-68	42	630	19	
31-46-0042	6238303	1406271	9 29 64	19	15,800	578	305	1	20,770	4.0	831	4-67	35	898	43	
31-46-9079	6224477	1329588	12 22 64	15	16,135	620	291	2	22,715	3.4	776	11-67	40	941	23	
31-46-0096	5994991	1283917	11 20 63	14	13,730	460	305	2	19,200	3.0	577	8-67	40	869	12	
31-46-0108	6320307	1271810	12 21 64	14	15,215	533	284	2	17,885	3.4	615	1-68	40	653	16	
31-46-0112	6060009	1416669	2 4 64	7	15,210	529	305	2	21,130	4.6	964	1-68	30	789	60	
31-46-9130	5679640	1199324	10 5 62	21	15,200	562	305	3	18,410	3.3	603	3-67	42	922	22	
31-46-0131	5940419	1271810	8 13 63	16	13,685	473	305	2	18,285	3.5	641	1-68	40	834	24	
31-46-0135	6077800	1199324	3 8 64	18	11,250	391	305	2	14,845	3.2	475	10-67	40	894	25	
31-46-0480	6359158	1406271	3 19 65	6	15,490	592	305	1	21,340	3.2	677	3-68	35	949	30	
31-46-9630	6385961	1406271	1 29 65	20	15,730	591	305	1	18,130	3.3	593	11-67	35	703	24	
31-46-9630	6321895	1406271	10 23 64	24	17,150	637	305	2	18,460	4.3	786	10-67	40	646	39	
31-46-9630	6795830	1406271	8 13 66	20	15,730	591	305	1	19,430	3.9	765	11-67	35	802	37	
31-47-0022	4413596	1013415	1 6 56	6	14,767	507	305	4	18,887	3.3	622	3-68	44	600	15	
31-47-0035	6225291	1261857	7 28 64	5	15,070	550	305	1	18,660	3.7	685	11-67	33	608	29	
31-47-0048	6472124	1406271	12 25 65	21	16,700	612	305	1	22,520	3.9	871	1-68	35	956	43	
31-47-0048	6008120	1355784	1 4 64	24	15,410	560	305	2	18,775	3.4	635	7-67	39	914	19	
31-47-0048	5929797	1355784	12 27 63	19	15,265	545	305	2	19,225	3.0	575	12-67	39	974	14	

31-47-9054	6872230	1244009	10	2	65	12	15,320	546	305	1	20,140	3.6	717	10-67	36	803	23
31-47-0069	6007322	1283917	7	31	63	8	15,033	549	300	3	19,316	3.3	638	4-68	42	811	11
31-47-0069	6049697	1283917	8	18	63	12	15,006	562	303	3	19,710	3.5	692	2-68	42	859	16
31-47-0069	6212449	1283917	8	23	64	12	15,250	592	286	2	19,270	3.5	681	11-67	40	738	10
31-47-9071	6069427	1382667	3	6	64	37	14,060	485	294	2	18,445	3.4	623	1-68	29	695	20
31-47-9071	5770959	1382667	2	7	63	31	13,250	450	305	3	17,003	3.8	654	1-68	32	659	30
31-47-0080	5824276	1355784	1	7	63	7	13,370	457	283	2	16,655	3.6	593	2-68	40	860	24
31-47-0080	6128147	1406271	8	10	64	9	14,090	477	305	1	15,770	3.4	544	3-67	35	637	28
31-47-9084	5537153	1199324	11	9	61	22	13,535	501	305	4	16,267	3.4	556	8-67	44	859	23
31-47-9085	6483717	1406271	1	13	66	5	12,230	430	305	1	18,180	3.8	685	2-68	35	932	42
31-47-9150	6511903	1421094	11	15	65	14	13,870	496	305	1	18,150	3.4	618	1-68	24	674	19
31-47-9150	6394726	1421094	10	8	65	21	13,560	489	305	1	20,800	3.6	749	12-67	24	935	31
31-47-9150	6153308	1421094	11	3	64	23	13,550	503	305	1	19,260	3.6	695	10-67	24	799	26
31-47-9150	6153298	1421094	7	22	64	20	13,665	487	305	2	16,415	3.4	565	1-68	30	604	18
31-47-9150	6078674	1421094	3	16	64	17	12,845	465	305	2	17,100	3.3	568	7-67	30	769	20
31-47-9150	5937872	1421094	12	16	63	20	12,680	456	305	2	15,895	3.5	563	7-67	30	643	20
31-47-9150	5937868	1421094	11	22	63	22	12,860	464	305	2	16,920	3.1	524	8-67	30	746	15
31-47-9150	6261732	1421094	12	16	64	13	13,230	465	305	1	17,850	3.3	593	4-67	24	699	19
31-47-9150	6261733	1421094	3	6	65	16	13,050	463	305	1	17,450	3.4	593	5-67	24	678	20
31-47-0252	6150026	1199324	8	27	63	12	14,790	524	305	2	17,975	3.6	643	10-67	40	888	30
31-47-0252	6116405	1199324	8	14	62	11	14,170	509	305	3	15,823	3.4	539	1-68	42	731	21
31-47-0252	6116406	1199324	10	29	63	12	14,363	512	302	3	16,696	3.4	569	12-67	42	812	24
31-47-0252	6106238	1199324	5	9	63	12	14,530	505	302	3	15,096	3.6	540	9-67	42	610	21
31-47-0432	6541866	1443161	12	20	65	20	15,370	536	305	1	20,390	3.3	674	1-68	28	660	19
31-47-9624	6374514	1406271	3	10	65	20	13,890	484	305	1	18,780	3.4	643	8-67	35	878	35
31-47-0672	5934582	1355784	11	12	63	7	11,880	425	305	2	14,275	3.5	498	5-67	39	777	17
31-47-9708	5685444	1380145	9	25	62	7	14,500	523	302	3	18,063	3.4	613	11-67	33	586	15
31-47-0816	6394402	1406271	2	19	65	33	16,200	542	305	1	16,970	4.1	694	4-67	35	584	35
31-47-0816	6394404	1406271	4	22	65	29	14,890	512	305	1	18,530	3.2	602	9-67	35	791	30
31-47-0816	6145800	1406271	10	14	64	41	15,450	534	305	2	16,535	3.8	626	2-68	40	580	31
31-49-0007	6434622	1308101	8	6	65	33	12,780	484	305	1	15,410	3.5	534	10-67	35	799	22
31-49-0007	5695041	1312792	8	12	61	7	13,348	507	290	5	21,452	3.1	658	3-68	36	1334	24
31-49-9033	5566697	1318452	4	8	62	69	16,160	616	305	2	23,475	3.6	834	12-67	30	1010	31
31-49-9033	5627238	1318452	7	24	62	56	16,742	640	304	4	19,707	3.6	713	2-68	35	581	17
31-49-9037	5080865	1304722	10	22	59	7	16,040	646	305	4	21,380	4.1	871	12-67	36	838	39
31-49-9037	0166750	1416669	10	13	64	6	15,730	630	305	2	19,875	3.7	740	3-68	30	584	23
31-49-9071	4714155	1035164	9	21	58	16	15,818	551	305	6	20,065	3.3	664	8-67	43	822	18
31-51-9026	5553026	1314488	11	13	61	49	17,267	637	305	4	22,135	3.6	803	7-67	35	770	26
31-51-9026	5553025	1331971	11	19	61	45	16,995	627	305	4	23,745	3.6	853	8-67	36	1019	35
31-51-0180	6404498	1271310	7	25	65	17	12,990	513	304	1	16,670	3.9	650	10-67	36	660	18
31-51-0180	6357122	1406271	12	14	64	15	13,585	517	305	2	15,895	4.7	748	1-68	40	698	45
31-51-0450	6343346	1406271	1	29	65	12	16,140	658	305	1	20,870	3.6	756	8-67	35	882	32
31-51-0450	6343345	1406271	1	19	65	11	16,750	688	305	1	18,250	3.9	718	10-67	35	643	27
31-51-0450	6343347	1406271	2	20	65	11	16,750	688	305	1	21,520	3.6	780	10-67	35	890	32
31-51-0450	6420181	1406271	9	23	65	11	16,750	688	305	1	18,660	4.0	748	10-67	35	674	29

TABLE 5.—HIGH-RANKING PROGENY OF DHIA SIRE: HOLSTEIN—Continued

COW'S LAST HERD CODE	COW'S REGISTRATION NO.	COW'S SIRE REGISTRATION NO.	COW'S BIRTH DATE (Mo.) (Day) (Yr.)	HERDMATES			AVERAGE PRODUCTION OF COW					LAST CALVING (Mo.) (Yr.)	REPEAT- ABILITY (Pct.)	COW INDEX	
				NUM- BER	MILK (Lb.)	FAT (Lb.)	IN MILK (Days)	REC- ORDS	MILK (Lb.)	FAT (Pct.)	FAT (Lb.)			MILK	FAT
31-51-0450	6120599	1406271	7 5 64	17	16,325	671	305	2	17,215	4.4	757	10-67	40	594	32
31-51-0450	6120600	1406271	7 19 64	19	16,395	667	305	2	18,655	4.4	824	9-67	40	735	40
31-52-0001	6385417	1406271	7 13 65	11	14,930	519	277	1	17,010	3.5	595	8-67	35	673	29
31-52-0018	4950289	1196645	9 10 59	13	14,385	491	305	6	20,385	3.2	650	7-67	44	761	18
31-52-9041	6388580	1406271	10 19 65	18	15,670	537	305	1	19,290	3.6	689	9-67	35	795	35
31-52-9041	6142376	1271810	4 18 64	14	15,715	545	305	2	19,515	3.3	643	7-67	40	773	18
31-52-9041	6574704	1406271	12 18 65	20	15,240	532	305	1	16,480	3.9	649	12-67	35	612	32
31-52-9041	5938170	1406271	10 12 63	15	15,355	535	305	2	19,325	3.4	664	7-67	40	899	35
31-52-0058	5800272	1222994	7 25 62	22	12,815	467	305	2	15,445	3.7	572	9-66	40	603	23
31-52-0063	5865300	1222994	9 14 61	29	15,832	584	304	4	17,855	3.7	668	12-66	44	603	23
31-52-0063	6350779	1259069	11 4 63	27	15,840	587	297	3	19,426	3.8	735	9-67	42	643	22
31-52-0064	5935774	1222994	10 30 62	29	15,733	556	299	3	18,230	3.6	664	10-66	42	644	25
31-52-0076	5949691	1406271	10 24 63	17	14,120	522	289	3	17,193	3.5	600	2-68	42	811	30
31-52-0076	6026066	1284716	9 4 63	17	14,230	536	303	3	19,860	3.2	626	10-67	42	826	9
31-52-9078	5951275	1406271	9 18 63	10	15,065	534	305	2	20,290	3.7	749	5-67	40	1024	44
31-52-9078	5951277	1355784	11 16 63	26	13,925	490	305	2	17,455	3.2	554	8-67	39	916	17
31-52-9078	6272202	1355784	12 25 64	29	13,960	501	305	1	16,170	3.5	573	9-67	35	754	16
31-52-9078	5696010	1113350	8 26 62	26	14,117	492	305	4	18,930	3.3	630	1-68	44	632	18
31-52-9078	6169385	1406271	10 11 64	33	13,850	490	305	1	15,870	3.2	514	10-67	35	661	25
31-52-9078	6169387	1406271	11 9 64	24	13,820	494	305	1	15,320	3.8	580	8-67	35	621	30
31-52-9080	5431833	1154946	7 31 61	13	16,150	589	305	4	20,605	3.5	712	11-67	44	775	20
31-52-0094	6303243	1355784	12 22 64	5	13,750	455	305	1	15,860	3.6	566	2-68	35	723	19
31-52-0094	5928173	1355784	7 26 63	5	13,350	461	301	1	14,950	3.7	547	11-67	35	681	18
31-52-9096	6377907	1406271	8 16 65	26	15,010	508	305	1	17,070	3.5	593	11-67	35	672	30
31-52-9096	6377905	1406271	7 2 65	26	14,570	502	305	1	15,770	3.7	578	1-68	35	591	29
31-52-9096	5200703	1196645	9 15 60	29	15,532	526	305	5	21,688	3.1	669	7-67	44	796	16
31-52-9096	6145652	1431713	3 22 64	26	14,660	482	305	2	19,980	3.2	632	10-67	29	772	21
31-52-9096	6145653	1431713	5 11 64	21	14,745	489	304	2	18,665	3.3	617	11-67	29	603	18
31-52-9096	5824275	1271810	1 1 63	26	14,006	474	305	3	17,600	3.0	536	8-67	42	771	14
31-52-0099	6565796	1406271	2 15 65	8	14,050	536	305	1	16,880	3.7	625	1-68	35	710	30
31-52-0624	4654873	1060259	9 12 58	9	13,278	490	305	7	16,332	3.8	619	9-67	44	743	26
31-52-9650	6279217	1406271	7 15 64	37	16,460	579	305	1	18,610	3.7	693	4-67	35	690	33
31-52-9650	6279220	1341149	7 27 64	38	15,625	549	305	2	22,125	3.2	716	1-68	40	895	17
31-52-9741	4851036	1087974	11 19 58	8	13,933	511	294	6	16,333	3.9	641	9-67	44	654	30
31-52-9773	6163384	1244009	7 18 64	13	13,855	504	301	2	16,910	3.3	563	9-67	40	718	15
31-52-0793	6289875	1244009	12 14 64	23	17,200	615	305	1	23,300	3.7	863	6-67	36	913	29
31-54-9002	6274568	1259069	1 2 65	25	17,310	606	305	1	22,820	3.3	756	11-67	36	665	16
31-54-9002	6377545	1308101	9 30 65	5	15,710	549	305	1	18,430	3.9	717	4-68	35	736	29
31-55-9390	6122676	1404084	1 1 64	12	15,290	569	305	2	20,575	3.7	766	7-67	29	744	28
31-56-9024	6220910	1406271	1 7 65	14	18,580	641	305	1	25,180	3.5	870	9-67	35	1042	42
31-56-9024	5725662	1355784	8 21 62	13	18,150	653	305	3	22,856	3.7	847	10-67	41	1131	34
31-57-0014	6393350	1308101	10 10 65	15	15,060	527	305	1	16,700	3.8	627	1-68	35	649	24
31-57-9019	5775177	1371548	8 29 62	20	14,716	570	305	3	19,263	3.5	670	11-67	39	726	20
31-57-0030	5659985	1403382	9 14 62	15	15,922	563	305	4	20,440	3.5	714	2-68	40	892	38
31-57-0049	6474167	1308101	10 22 65	15	14,410	517	305	1	15,160	3.4	522	10-67	35	667	19

31-59-9027	6415406	1406271	8 23 65	5	13,910	516	295	1	15,140	3.5	526	1-68	35	601	24
31-59-9027	5798464	1355784	3 3 63	22	13,810	494	304	3	15,406	3.6	548	10-67	41	716	16
31-59-9027	6147288	1406271	7 3 64	25	13,950	504	305	1	16,650	3.4	559	6-67	35	713	28
31-59-9027	6148665	1406271	10 4 64	20	14,205	501	298	2	15,960	3.8	601	2-68	40	648	32
31-59-9027	6391880	1406271	6 1 65	14	14,060	495	305	1	15,360	3.8	583	2-68	35	595	29
31-59-9027	6391881	1271810	6 15 65	21	14,280	540	305	1	17,520	3.6	638	10-67	36	636	15
31-59-9027	6387413	1406271	5 18 65	10	13,960	527	305	1	15,190	3.7	567	12-67	35	602	27
31-59-9027	6387414	1406271	6 10 65	25	13,910	527	305	1	17,040	3.4	576	9-67	35	745	27
31-59-0031	6351665	1406271	11 25 64	22	14,545	503	298	2	20,035	3.2	651	3-68	40	1032	36
31-59-0031	6351666	1406271	11 26 64	28	13,825	493	305	2	15,160	4.3	645	12-67	40	614	37
31-59-0031	6351662	1406271	11 4 64	35	14,300	501	305	2	18,490	3.4	621	2-68	40	897	34
31-59-0031	6351663	1406271	11 13 64	28	13,825	493	294	2	17,625	4.0	699	12-67	40	866	43
31-59-0031	6351661	1406271	10 28 64	28	13,845	497	305	2	20,630	3.1	649	12-67	40	1170	37
31-59-0031	6539872	1341149	11 12 65	37	14,770	525	301	1	19,390	3.8	743	1-68	35	583	16
31-59-0031	6539870	1406271	1 16 66	33	14,120	503	305	1	17,540	3.6	623	1-68	35	755	32
31-60-0005	6024456	1406271	8 21 63	13	12,435	425	277	2	15,425	3.7	568	7-67	40	769	36
31-62-0875	6321768	1406271	4 15 64	9	13,715	488	305	2	16,705	3.3	552	2-68	40	769	28
31-65-9022	5771323	1420339	2 2 63	38	13,980	450	305	3	17,370	3.4	599	9-67	32	613	25
31-65-0090	6005319	1392858	8 27 63	14	15,035	577	303	2	17,550	3.9	681	6-67	36	612	29
31-65-0090	5913414	1392858	11 18 63	14	14,905	568	300	2	17,610	4.0	702	7-67	36	632	32
31-65-0090	6538431	1321904	9 4 65	10	13,540	514	305	1	20,090	3.6	721	2-68	34	764	25
31-67-9019	5641383	1199324	6 13 61	16	16,477	635	305	4	20,500	3.6	740	12-67	44	1055	31
31-67-9031	1874757	1385709	7 7 63	36	13,703	502	299	3	17,876	3.4	610	9-67	32	589	18
31-67-0828	6193155	1239242	11 12 64	58	16,715	595	298	2	19,330	3.5	681	11-67	40	586	19
31-69-9014	6281899	1406271	9 1 64	12	15,400	529	305	2	17,780	3.2	570	11-67	40	737	26
31-69-9300	6218586	1259069	5 4 64	23	14,570	501	305	1	19,250	3.4	653	7-67	36	582	16
31-69-9300	6470766	1271810	10 20 65	16	14,060	490	305	1	19,580	3.3	648	12-67	36	805	20
31-70-9036	6220460	1284159	11 10 64	36	10,670	379	284	1	17,540	3.6	627	7-67	28	718	24
31-70-9036	6103963	1298839	6 5 64	64	10,990	400	305	2	16,745	3.5	579	1-68	32	604	18
31-70-9036	6318462	1357414	4 20 65	39	11,630	423	305	1	18,170	3.6	646	3-68	25	599	19
31-70-0046	5708012	1271810	1 18 62	16	14,110	497	305	1	17,480	3.7	642	11-67	36	645	19
31-72-0033	6047893	1271810	1 18 64	22	14,350	533	300	2	18,125	3.6	644	10-67	40	757	19
31-72-9036	5828044	1331709	1 9 63	18	13,476	468	305	3	16,666	3.4	561	11-67	40	743	17
31-72-9036	6442701	1435026	9 10 64	22	14,285	508	305	2	17,640	3.7	653	3-68	29	610	22
31-72-9037	6221057	1341149	12 10 64	44	16,345	599	305	2	21,590	3.4	731	1-68	40	808	14
31-72-9039	4955742	1325923	12 10 59	6	15,402	564	305	4	20,167	3.3	662	11-67	35	854	16
31-72-0048	6557970	1406271	4 1 66	11	14,450	508	305	1	17,640	3.4	599	1-68	35	740	30
31-74-0044	6471817	1406271	9 23 65	25	12,980	484	298	1	15,870	3.8	608	10-67	35	720	33
31-74-0044	6792907	1406271	2 8 66	16	14,200	520	305	1	16,360	4.1	667	3-68	35	661	34
31-74-0044	5917500	1271810	10 14 63	24	13,783	510	305	3	17,666	3.8	676	11-67	42	802	27
31-74-0047	5934151	1355784	7 20 63	7	15,156	545	303	3	17,700	3.3	590	9-67	41	843	16
31-74-0074	6230597	1406271	2 4 64	6	16,960	548	282	2	19,140	3.2	622	5-67	40	732	30
31-74-0420	6802879	1355784	3 31 66	12	12,910	459	305	1	15,420	3.2	488	3-68	35	747	13
31-74-0420	6482232	1406271	3 20 65	20	12,460	437	294	1	19,560	3.5	689	6-67	35	1034	42
31-74-0420	6482233	1406271	4 3 65	20	12,990	459	303	1	14,610	3.6	520	4-67	35	624	28

TABLE 5.—HIGH-RANKING PROGENY OF DHIA Sires: HOLSTEIN—Continued

COW'S LAST HERD CODE	COW'S REGISTRATION NO.	COW'S SIRE REGISTRATION NO.	COW'S BIRTH DATE (Mo.) (Day) (Yr.)	HERDMATES			AVERAGE PRODUCTION OF COW					LAST CALVING		REPEAT- ABILITY (Pct.)	COW INDEX	
				NUM- BER	MILK (Lb.)	FAT (Lb.)	IN MILK (Days)	REC- ORDS	MILK (Lb.)	FAT (Pct.)	FAT (Lb.)	(Mo.) (Yr.)	CAR		MILK	FAT
31-74-0420	6482236	1406271	5 5 65	20	12,460	437	305	1	17,090	3.4	573	6-67		35	847	33
31-74-0420	6557558	1406271	11 19 65	18	13,150	460	305	1	16,530	3.5	584	2-68		35	745	32
31-74-0420	6557557	1406271	6 15 65	15	13,630	491	305	1	16,400	3.2	526	11-67		35	715	26
31-74-0420	6275632	1406271	8 28 64	14	13,140	482	303	2	16,275	3.8	624	9-67		40	791	36
31-74-9805	6367977	1406271	8 16 65	8	15,700	529	305	1	17,780	3.6	647	12-67		35	679	33
31-74-9805	5993335	1355784	10 6 63	17	15,305	553	305	2	18,405	3.5	653	9-67		39	885	21
31-75-0016	5166757	1013415	10 15 58	16	13,133	458	305	6	17,443	3.4	591	9-67		44	626	17
31-75-0016	5132501	1013415	8 31 58	15	13,474	466	305	5	20,418	3.0	604	8-67		44	970	18
31-75-0017	6445662	1331709	2 4 65	5	14,410	497	305	1	19,320	3.5	682	3-67		33	791	21
31-75-0017	6138722	1329588	7 10 64	6	13,260	471	305	2	17,820	3.6	645	12-67		40	707	24
31-75-0210	6018642	1406271	10 27 63	13	15,853	554	299	3	18,953	3.3	623	10-67		42	848	30
31-75-0210	6364116	1406271	4 23 65	7	15,040	543	305	1	20,950	3.6	756	5-67		35	963	40
31-75-9280	6236603	1281628	12 4 64	21	15,935	605	301	2	21,010	3.6	765	12-67		40	683	17
31-75-0385	5975693	1392858	10 17 63	25	15,823	566	300	3	18,416	4.2	774	3-68		38	642	42
31-75-0472	6377246	1321904	10 14 65	22	13,300	501	298	1	17,360	3.9	673	9-67		34	624	23
31-75-9665	6550233	1282185	1 1 66	15	14,870	574	305	1	21,090	4.0	844	1-68		36	598	23
31-76-9004	5956652	1271810	11 11 63	27	15,370	557	305	3	20,713	3.3	678	12-67		42	988	22
31-76-9005	6552598	1409875	5 7 65	17	16,300	619	305	1	20,780	3.5	737	9-67		23	688	18
31-76-9005	6335775	1409875	12 1 64	13	16,200	597	305	1	19,690	3.5	690	8-67		23	598	15
31-76-9005	6170165	1409875	11 19 63	15	15,683	605	294	3	18,733	3.8	709	12-67		32	675	21
31-76-9005	6170167	1409875	3 17 64	14	14,860	553	305	2	17,760	3.7	649	8-67		29	606	18
31-76-9005	6170164	1409875	8 28 63	14	15,870	600	305	3	19,380	3.5	682	1-68		32	717	17
31-76-9044	6171990	1406271	11 8 64	10	15,300	565	305	2	17,835	3.6	634	1-68		40	738	29
31-76-0047	6360753	1406271	2 13 65	17	12,770	479	286	1	14,910	3.3	489	9-67		35	661	24
31-76-0058	6260832	1329588	11 11 64	22	13,260	484	305	2	17,420	3.4	597	9-67		40	667	18
31-76-0058	5975444	1329588	12 20 63	14	13,590	486	305	2	18,400	3.5	639	7-67		40	736	22
31-76-0064	5638554	1199324	11 21 61	11	13,113	487	305	3	14,293	3.9	564	5-67		42	665	26
31-76-0085	6023832	1406271	12 30 63	11	13,993	503	305	3	16,243	3.3	540	1-68		42	713	25
31-76-0085	6488261	1355784	2 18 65	17	14,990	538	305	1	16,880	3.2	545	9-67		35	737	12
31-76-9089	5321524	1113350	11 10 60	28	14,950	524	299	4	19,285	3.5	666	1-68		44	583	19
31-76-9089	6220465	1406271	12 8 64	35	16,320	568	305	1	17,980	3.8	676	5-67		35	652	32
31-76-9090	5237875	1241763	9 2 60	8	13,470	486	303	4	19,452	3.5	683	6-67		36	872	27
31-76-9091	6152595	1410081	10 8 64	11	14,510	554	305	2	21,450	3.4	739	3-68		29	880	24
31-76-9096	6486492	1271810	4 4 64	20	14,936	566	305	3	17,086	3.7	626	3-68		42	616	15
31-76-0104	6376050	1406271	5 12 65	5	14,530	519	305	1	17,590	4.1	721	4-68		35	731	38
31-76-9113	6328713	1406271	6 5 65	17	14,740	553	290	1	15,760	4.1	643	8-67		35	592	31
31-76-0113	6253774	1406271	1 7 65	8	15,490	561	299	2	19,400	3.6	708	2-68		40	881	37
31-76-9113	6312595	1355784	4 4 65	7	14,170	542	305	1	16,790	3.4	566	6-67		35	787	13
31-76-9113	6181932	1406271	11 1 64	16	15,605	579	305	2	18,405	3.9	726	11-67		40	782	38
31-76-9113	6181930	1406271	9 17 64	21	14,795	558	291	2	16,935	4.2	705	9-67		40	706	38
31-76-0114	6107674	1406271	4 18 64	7	13,005	478	305	2	15,805	3.6	563	1-68		40	755	30
31-76-9150	5994605	1406271	12 2 63	23	14,695	528	305	2	21,205	4.0	853	4-67		40	1151	55
31-76-9150	5994595	1417067	9 6 63	25	14,625	520	305	2	18,885	3.3	630	2-68		29	663	17
31-76-9150	6046230	1271810	1 9 64	43	15,255	543	305	2	19,880	3.2	635	11-67		40	852	17
31-76-9150	5892538	1417067	8 30 63	27	14,486	515	304	3	20,296	3.5	712	3-68		32	934	31

31-76-9150	5744772	1355784	10 26 62	27	15,490	556	304	3	17,303	3.4	590	11-67	41	761	15
31-76-9375	4477168	1035164	12 10 56	13	15,098	544	302	8	18,566	3.6	664	2-67	43	710	19
31-76-9550	5878166	1199324	9 21 63	9	12,805	492	305	2	14,235	4.0	570	7-67	40	690	25
31-76-9688	5829341	1355784	2 20 63	13	15,166	548	305	3	16,310	3.6	581	1-68	42	661	15
31-76-9688	4246045	1013415	1 23 56	6	15,468	549	305	7	19,917	3.4	670	10-67	44	674	17
31-76-9688	6024076	1406271	1 28 64	6	15,443	562	305	3	16,553	3.5	580	4-68	42	597	24
31-76-9688	6196619	1406271	1 9 65	11	15,270	549	288	1	18,220	3.9	715	11-67	35	741	36
31-76-9688	6348120	1406271	6 15 65	5	15,440	549	305	1	16,930	3.8	643	2-68	35	619	30
31-76-9706	6111076	1406271	12 17 63	31	15,135	558	305	2	18,365	3.4	626	3-68	40	807	29
31-76-9706	6167017	1406271	8 27 64	53	15,350	566	305	2	18,855	4.2	789	2-68	40	838	45
31-76-9706	6167015	1406271	5 15 64	37	15,105	554	305	2	19,185	3.6	682	12-67	40	907	36
31-76-9706	6167020	1355784	6 25 64	55	15,420	571	305	2	18,885	3.7	700	2-68	40	899	25
31-76-9706	6073309	1406271	1 4 64	34	14,840	547	304	2	16,855	3.9	651	7-67	40	694	33
31-76-9706	5927805	1406271	11 25 63	50	15,243	564	304	3	19,150	3.6	695	2-68	42	921	37
31-76-9706	4956107	1113350	4 10 59	31	15,035	552	305	4	19,672	3.6	705	12-67	44	621	20
31-78-0045	5976711	1199324	8 23 63	21	13,750	529	305	1	14,350	3.8	541	9-67	36	633	20
31-78-0066	5979076	1300014	8 16 63	30	13,960	510	305	1	17,780	4.0	706	2-68	36	619	17
31-78-0252	5376932	1199324	1 7 61	7	14,660	564	305	3	16,016	3.6	571	5-67	42	703	18
31-78-0252	5500088	1199324	12 21 61	19	14,273	559	297	3	15,286	3.9	599	4-67	42	659	22
31-78-0252	5500090	1199324	2 8 62	16	13,740	540	305	3	18,143	3.6	647	8-67	42	1043	30
31-78-9336	5911134	2335280	1 14 61	18	15,732	559	305	5	21,314	3.7	782	3-68	44	807	29
31-78-0612	6387902	1308101	7 27 65	22	13,740	496	305	1	17,530	3.5	605	1-68	35	803	24
31-78-0744	6443471	1282185	2 19 64	18	13,620	523	305	2	19,250	3.4	650	9-67	40	689	15
31-79-0002	6416573	1308101	8 4 65	11	14,990	531	305	1	17,060	3.3	555	8-67	35	773	20
31-79-0002	6498587	1308101	9 9 65	12	15,030	529	293	1	15,200	3.5	525	9-67	35	628	18
31-79-0022	5703162	1373868	9 19 61	23	16,990	589	303	4	21,037	3.4	707	2-68	35	699	24
31-79-9718	6250921	1330987	9 27 64	20	16,310	591	305	2	21,510	3.1	670	12-67	40	853	26
31-80-0015	6401017	1406271	3 20 65	10	11,720	424	283	1	13,850	3.8	528	11-67	35	653	31
31-80-9049	6338639	1406271	5 3 65	18	14,370	582	305	1	20,760	4.0	831	7-67	35	994	43
31-80-9053	5646071	1383247	9 1 62	9	17,020	621	305	4	22,515	3.3	738	3-68	35	1095	26
31-80-9053	5600305	1383247	7 3 62	10	16,197	593	303	4	19,262	3.7	709	9-67	35	743	26
31-80-9053	5843718	1383247	7 2 63	10	16,330	598	305	3	20,970	3.5	728	9-67	33	927	27
31-80-9053	5776847	1383247	2 28 63	12	16,706	620	305	3	21,573	3.6	769	7-67	33	963	30
31-80-9053	5906332	1383247	9 29 63	10	17,433	638	305	3	19,443	3.6	702	2-68	33	581	18
31-80-9053	5906333	1383247	11 1 63	8	17,276	637	305	3	19,510	3.5	687	11-67	33	618	17
31-80-9053	6147530	1383247	8 22 64	10	15,835	591	305	2	20,730	3.8	795	9-67	30	891	34
31-80-9053	6147528	1383247	7 22 64	10	16,015	595	305	2	20,335	3.7	750	9-67	30	825	28
31-80-9055	6218724	1406271	10 11 64	24	14,445	516	305	2	18,055	3.4	618	11-67	40	853	33
31-80-9056	6126827	1271810	3 11 64	27	14,010	489	305	2	20,080	3.4	688	10-67	40	986	27
31-80-9056	4853190	1013415	1 29 59	25	14,505	496	305	4	18,505	3.6	669	11-67	44	582	22
31-80-9440	5905116	1355784	11 16 62	26	13,920	534	305	3	16,310	3.4	555	8-67	41	810	13
31-80-9440	5913191	1271810	7 27 63	28	14,453	557	304	3	16,736	3.8	637	9-67	42	625	17
31-80-9440	6332910	1355784	3 20 65	24	14,910	610	305	1	18,860	3.8	715	11-67	35	894	20
31-81-9210	6127924	1271810	7 14 64	13	13,860	549	295	2	17,325	3.8	666	10-67	40	720	20
31-83-5026	6249734	1426616	11 11 64	83	12,580	461	305	1	20,670	4.1	844	6-67	25	945	48

TABLE 5.—HIGH-RANKING PROGENY OF DHIA Sires: HOLSTEIN—Continued

COW'S LAST HERD CODE	COW'S REGISTRATION NO.	COW'S SIRE REGISTRATION NO.	COW'S BIRTH DATE (Mo.) (Day) (Yr.)	HERDMATES			AVERAGE PRODUCTION OF COW				LAST CALVING (Mo.) (Yr.)		REPEAT- ABILITY (Pct.)	COW INDEX	
				NUM- BER	MILK (Lb.)	FAT (Lb.)	IN MILK (Days)	REC- ORDS	MILK (Lb.)	FAT (Pct.)	FAT (Lb.)	CAR		MILK	FAT
31-83-9026	6570075	1426616	6 15 65	39	14,480	528	305	1	20,680	4.4	915	12-67	25	796	49
31-85-9053	6425198	1406271	1 11 65	23	12,700	442	305	1	16,780	3.9	647	8-67	35	807	38
31-85-9053	6343805	260599C	2 21 62	11	13,990	489	304	3	19,156	3.3	633	8-67	42	841	18
31-85-0077	5742186	1366914	10 22 62	16	13,076	459	305	3	17,053	3.3	563	7-67	36	854	17
31-85-0081	5969720	1222994	10 4 63	25	12,925	463	305	2	15,565	3.6	554	11-66	40	605	21
31-85-9094	6361246	1406271	6 21 65	27	11,760	437	305	1	14,920	3.1	461	10-67	35	731	25
31-85-9094	6416255	1406271	12 1 65	22	11,460	422	305	1	12,900	3.9	504	12-67	35	599	29
31-85-9102	6384694	1406271	8 8 65	11	14,780	519	305	1	16,940	3.5	587	10-67	35	678	29
31-85-9102	6384691	1406271	6 12 65	7	14,670	494	305	1	16,500	3.5	584	12-67	35	652	30
31-85-9103	6316496	1406271	5 17 65	9	14,060	488	305	1	18,100	3.4	620	11-67	35	815	33
31-85-9103	6524606	1406271	12 5 65	9	14,060	488	305	1	19,070	3.3	625	11-67	35	888	34
31-85-9103	6524607	1406271	12 28 65	11	14,100	479	305	1	18,570	3.4	629	10-67	35	847	35
31-85-9103	5477343	1366914	11 14 61	11	14,602	537	305	4	17,117	3.6	610	7-67	37	697	15
31-85-9107	5883240	1366914	11 18 62	7	15,300	544	305	3	23,266	3.1	720	4-67	36	1397	27
31-85-9103	5798213	1383468	2 19 63	9	15,933	559	305	3	19,846	3.5	704	2-68	41	774	21
31-85-9103	6108429	1406271	6 14 64	12	14,370	520	305	2	16,115	4.1	656	9-67	40	662	36
31-85-9106	6192046	1271810	7 23 64	15	14,800	543	305	2	18,465	3.0	559	1-68	40	750	9
31-85-9106	6295706	1271810	12 2 64	15	14,995	541	305	2	17,965	3.7	661	1-68	40	681	20
31-85-9107	5889925	1199324	1 17 63	5	14,230	496	305	1	17,370	4.2	728	5-67	36	826	36
31-85-0108	5727882	1271810	12 17 61	10	12,280	442	305	4	16,972	3.4	570	7-67	44	908	22
31-85-9110	6314565	1406271	3 9 65	7	16,060	601	305	1	19,690	3.3	644	5-67	35	799	27
31-85-0111	6423687	1331709	10 30 65	19	13,030	465	305	1	16,830	3.5	596	11-67	33	694	17
31-85-9118	6422339	1406271	11 1 65	10	13,270	505	305	1	19,360	3.8	727	11-67	35	963	40
31-85-9118	6164188	1406271	10 23 64	10	12,640	475	305	2	18,860	3.9	727	11-67	40	1100	47
31-85-9121	6394261	1355784	3 19 65	18	15,300	545	305	1	16,470	3.6	601	7-67	35	685	15
31-85-9139	6027668	1329588	11 15 63	5	15,680	570	298	3	21,540	3.3	714	3-68	42	937	24
31-85-9140	5936362	1199324	11 1 63	10	14,280	525	305	2	17,185	4.1	713	6-67	40	855	37
31-85-9140	5203370	1199324	11 8 60	14	15,000	551	305	5	17,236	3.6	618	11-67	44	822	26
31-85-9140	5713920	1199324	9 6 62	11	15,080	551	305	4	18,237	3.7	666	1-68	44	931	31
31-85-9140	5579222	1199324	1 3 62	15	15,833	580	305	3	19,640	3.5	678	3-67	42	998	29
31-85-0145	5062221	1060259	12 19 59	15	15,555	526	305	4	21,090	3.4	719	5-67	44	1065	33
31-85-0145	4678152	1087974	8 1 58	10	14,760	490	305	7	17,224	3.5	611	10-67	44	673	28
31-85-0149	5772551	1222994	12 20 62	15	14,360	501	295	3	17,770	3.5	614	3-67	42	734	25
31-85-9151	5720660	1366914	9 16 62	7	15,840	539	305	3	21,023	3.0	640	12-67	36	1045	18
31-85-9151	6216303	1406271	11 10 64	13	17,390	588	304	2	20,395	3.8	765	1-68	40	808	40
31-85-9151	6216301	1386406	11 2 64	12	17,310	593	305	2	20,630	3.3	673	11-67	40	730	23
31-85-0154	5233262	1060259	1 27 59	25	12,880	493	303	3	19,456	3.3	633	11-67	42	1114	25
31-85-0162	6502682	1406271	1 23 66	5	12,460	436	305	1	13,950	3.4	471	1-68	35	610	26
31-85-0162	6301140	1406271	1 6 65	11	12,585	436	297	2	14,795	3.6	536	11-67	40	691	32
31-85-0162	6373219	1406271	8 4 65	8	12,780	436	305	1	13,850	4.0	554	12-67	35	581	32
31-85-0172	6565793	1406271	7 18 64	5	12,620	431	305	1	15,520	3.4	597	7-67	35	718	35
31-85-0173	6440787	1406271	5 30 65	9	15,160	503	305	1	17,190	3.8	589	2-68	35	658	29
31-85-0174	6094773	1199324	2 6 64	18	12,180	441	293	2	16,180	3.2	515	9-67	40	944	24
31-85-5187	6120288	1271810	8 25 64	20	13,800	533	305	1	17,480	3.5	620	9-67	36	666	15
31-85-9187	6232567	1406271	1 3 65	14	13,070	492	305	1	18,360	4.4	803	5-67	35	902	47

31-85-9187	6433290	1406271	11 21 65	19 15,890	587	305	1	18,570	3.0	551	1-68	35	713	21
31-85-9187	6371680	1406271	8 24 65	19 15,030	566	305	1	16,520	3.4	559	11-67	35	629	23
31-85-9187	6269128	1406271	11 2 64	12 14,875	554	298	2	17,140	3.4	577	3-68	40	706	24
31-85-9187	5551082	1271810	12 1 61	24 13,895	502	305	4	18,180	3.5	631	9-67	44	877	23
31-85-9187	5925345	1271810	10 20 63	15 15,063	546	305	3	18,390	3.5	639	2-68	42	753	19
31-85-9187	6046725	1271810	1 30 64	19 14,440	533	305	2	20,660	3.4	694	2-68	40	1006	24
31-85-9238	5966998	1271810	7 21 63	9 16,480	543	305	3	19,560	3.2	634	1-68	42	740	18
31-85-9238	5966999	1355784	11 21 63	8 17,016	563	305	3	20,623	3.0	614	2-68	42	740	17
31-85-9238	6319283	1406271	4 13 65	15 14,900	490	305	1	18,990	3.0	567	7-67	35	825	29
31-85-9238	4874633	1013415	1 25 59	7 15,812	519	305	5	20,784	3.2	663	7-67	44	746	19
31-85-9238	6155785	1355784	10 21 64	6 16,000	515	305	2	19,105	3.0	566	3-68	40	868	16
31-85-9272	6452053	1406271	11 15 65	9 14,590	531	305	1	16,770	3.6	596	12-67	35	678	29
31-85-9272	6505796	1406271	12 11 65	20 15,140	527	305	1	16,540	4.1	676	1-68	35	610	34
31-85-9272	6307502	1406271	3 30 65	11 15,060	521	305	1	16,140	3.5	569	6-67	35	599	27
31-85-9272	6292607	1406271	3 18 65	10 14,870	513	305	1	16,460	3.2	534	5-67	35	636	25
31-85-0289	5304820	1199324	3 14 61	15 14,775	525	301	4	19,575	3.7	729	5-67	44	1130	42
31-85-0289	5525123	1199324	3 3 62	18 14,627	507	299	4	20,330	3.1	634	12-67	44	1239	32
31-85-0289	5423503	1353953	9 17 61	18 14,622	513	286	5	19,022	3.0	566	4-68	36	775	9
31-85-0374	5894338	1271810	8 12 63	21 16,586	587	302	3	19,360	3.5	681	2-68	42	707	19
31-85-0374	6658798	1406271	12 30 64	20 15,860	568	304	2	19,910	3.6	708	12-67	40	899	36
31-85-0374	6819787	1406271	4 16 65	17 15,040	553	305	1	17,680	3.6	643	7-67	35	716	31
31-85-9391	6778469	1406271	10 31 65	27 11,760	433	305	1	14,690	3.2	472	2-68	35	700	25
31-85-9459	6341991	1386406	2 16 65	15 17,510	590	305	1	22,590	3.3	745	8-67	35	791	28
31-85-9459	6095822	1366914	3 8 64	15 16,560	567	305	2	22,000	3.2	703	8-67	33	1015	20
31-85-0561	6117537	1406271	2 9 64	23 15,240	525	303	2	17,335	4.0	685	10-67	40	706	38
31-85-0561	6117538	1406271	3 3 64	15 15,110	541	305	2	19,320	3.7	723	3-68	40	907	40
31-85-0561	6239462	1406271	2 1 65	13 13,960	471	305	1	19,110	3.2	620	6-67	35	898	34
31-85-0561	5795138	1271810	11 7 62	7 16,095	554	305	4	20,405	3.2	651	3-68	44	907	20
31-85-0595	5957950	1222994	11 25 63	18 15,280	564	305	2	22,075	3.8	830	1-67	40	1051	40
31-85-9629	5941140	1271810	12 15 63	19 14,530	495	305	1	18,520	3.3	618	6-67	36	694	17
31-85-9748	6091105	1406271	3 15 64	47 11,230	401	305	2	12,770	3.7	468	9-67	40	609	28
31-85-9748	6367229	1271810	1 20 65	47 11,960	455	305	1	19,230	3.5	676	1-68	36	919	24
31-85-9748	6509453	1410844	7 25 65	51 10,550	391	300	1	15,250	3.6	542	10-67	22	600	20
31-85-9748	6437104	1406271	10 3 65	41 10,810	403	286	1	15,440	3.6	559	12-67	35	835	34
31-85-9748	6437097	1410844	10 2 65	38 10,460	391	305	1	19,120	3.6	606	12-67	22	962	26
31-85-9748	6437096	1410844	7 27 65	46 10,190	379	305	1	16,310	3.5	563	9-67	22	727	23
31-85-9748	6401804	1406271	9 24 65	46 10,320	383	297	1	15,500	3.6	558	9-67	35	872	36
31-85-0782	5190200	1113350	6 2 59	8 14,855	541	305	6	19,878	3.8	749	1-68	44	694	28
31-85-9804	6330269	1355784	10 15 64	23 11,460	417	305	1	15,110	3.5	531	7-67	35	845	19
31-85-0816	6226295	1406271	9 21 64	27 13,390	490	305	1	15,920	3.7	594	8-67	35	696	31
31-85-0816	6224486	1271810	8 13 64	26 13,435	484	305	2	17,825	3.6	634	10-67	40	810	22
31-85-0833	6388673	1406271	8 23 65	29 12,390	445	305	1	13,660	4.2	569	6-67	35	593	32
31-85-0833	6388674	1406271	10 18 65	23 14,060	500	301	1	15,360	3.4	520	9-67	35	608	25
31-85-9890	6307086	1244009	11 13 64	31 13,935	475	305	2	17,665	3.2	573	9-67	40	787	19
31-85-9890	6429153	1453518	10 25 65	36 13,230	456	305	1	18,400	3.3	609	9-67	22	584	18

TABLE 5.—HIGH-RANKING PROGENY OF DHIA SIRE: HOLSTEIN—Continued

COW'S LAST HERD CODE	COW'S REGISTRATION NO.	COW'S SIRE REGISTRATION NO.	COW'S BIRTH DATE (Mo.) (Day) (Yr.)	HERDMATES			AVERAGE PRODUCTION OF COW				LAST CALVING		REPEAT- ABILITY (Pct.)	COW INDEX	
				NUM- BER	MILK (Lb.)	FAT (Lb.)	IN MILK (Days)	REC- ORDS	MILK (Lb.)	FAT (Pct.)	FAT (Lb.)	(Mo.) (Yr.)		MILK	FAT
31-85-9890	5967983	1323323	10 2 63	15	13,170	461	297	3	17,313	3.4	597	11-67	33	636	20
31-86-0014	5897919	1271810	5 29 63	8	15,280	551	305	3	18,643	3.4	639	8-67	42	759	18
31-86-0014	6470454	1417208	9 3 65	11	15,810	559	305	1	19,210	3.6	700	11-67	35	624	26
31-86-0020	5932077	1244009	11 11 63	11	15,133	557	305	3	23,596	3.6	856	11-67	42	1381	44
31-86-9021	5908124	1271810	8 23 63	6	14,260	512	305	3	17,273	3.6	624	3-68	42	707	20
31-86-9021	6045268	1271810	11 5 63	12	13,660	491	305	2	16,110	3.6	584	6-67	40	615	17
31-86-9021	6425811	1406271	8 24 65	5	14,400	499	305	1	19,400	3.4	656	12-67	35	877	35
31-86-9021	6425812	1406271	8 30 65	10	12,910	445	305	1	15,390	3.8	586	10-67	35	688	34
31-86-9021	6425813	1406271	9 9 65	10	12,910	445	305	1	17,260	3.1	540	10-67	35	829	30
31-86-9021	5923770	1271810	10 21 61	12	14,995	538	305	4	17,422	3.5	616	8-67	44	661	18
31-86-9021	5523769	1271810	10 4 61	11	14,473	524	305	3	16,896	3.6	606	8-67	42	642	17
31-86-9021	6318938	1406271	3 26 65	13	13,120	453	305	1	18,000	3.5	630	5-67	35	871	36
31-86-9021	6296720	1406271	3 20 65	12	12,430	435	305	1	16,140	3.7	600	8-67	35	777	35
31-86-0027	6530843	1298372	12 13 65	8	15,300	526	305	1	18,100	3.3	602	1-68	34	585	15
31-86-0027	6530841	1244009	6 10 65	12	14,230	488	305	1	18,750	3.7	694	10-67	36	773	25
31-86-9038	6444117	1406271	10 10 65	28	14,830	523	300	1	16,630	3.4	569	7-67	35	651	27
31-86-9038	6188611	1406271	7 6 64	23	15,140	532	305	1	18,080	3.2	581	5-67	35	740	27
31-86-9051	6180659	1406271	10 31 64	27	16,780	605	304	2	20,045	3.0	595	3-68	40	828	21
31-86-9051	6117202	1297169	7 15 64	33	16,380	592	305	2	25,615	3.3	851	2-68	40	848	27
31-86-9051	6296555	1406271	3 15 65	27	15,270	543	305	1	19,070	3.9	738	8-67	35	806	38
31-86-9051	6341856	1406271	6 20 65	34	15,010	542	305	1	18,920	3.9	736	10-67	35	812	38
31-86-9051	6341855	1406271	4 26 65	27	15,270	543	305	1	17,490	3.3	582	8-67	35	686	27
31-86-9052	6338597	1406271	6 19 65	23	15,290	545	305	1	19,650	3.4	667	11-67	35	348	33
31-86-9052	6426982	1406271	10 7 65	15	16,710	613	305	1	18,900	3.8	711	2-68	35	682	31
31-86-9052	5892521	1406271	8 19 63	13	16,670	588	304	2	17,675	3.9	682	3-67	40	610	32
31-86-9052	5924102	1406271	9 17 63	21	15,295	540	171	2	17,835	3.5	630	9-67	40	752	32
31-86-0071	5449807	1236789	2 4 61	26	14,786	519	297	3	17,623	3.4	591	11-67	42	679	19
31-86-0700	6351392	1271810	6 18 64	11	14,925	535	305	2	20,805	3.4	713	12-67	40	976	26
31-86-0700	6368156	1406271	1 26 65	16	15,330	558	305	2	20,150	3.7	737	3-68	40	972	40
31-87-0004	6560512	1406271	6 14 65	14	15,520	501	305	1	18,550	3.6	659	5-67	35	749	35
31-87-0024	6398574	1406271	5 13 65	5	12,270	400	305	1	13,780	3.3	454	8-67	35	610	27
31-87-0029	6382158	1406271	9 9 65	6	14,390	460	305	1	18,180	3.4	610	9-67	35	798	34
31-87-9770	5246707	1331709	11 8 60	5	15,075	536	305	4	19,305	3.7	713	6-67	41	916	29
31-88-9008	5886156	1271810	8 5 63	19	15,390	534	290	3	19,026	3.3	629	2-68	42	792	19
31-88-0013	6311095	1271810	12 19 63	15	13,115	469	305	2	17,665	3.6	637	8-67	40	823	24
31-88-0013	6230598	1406271	2 11 65	16	13,535	487	305	2	17,485	3.5	618	3-68	40	865	35
31-88-0013	5799612	1113350	12 19 62	16	14,103	515	304	3	19,826	3.7	742	12-67	42	696	27
31-88-0013	5623612	1251495	4 9 62	12	13,940	491	299	4	17,910	3.5	628	6-67	40	771	24
31-88-0630	6205194	1406271	11 13 64	18	15,800	571	305	1	17,080	4.2	718	7-67	35	619	35
31-88-0630	6056280	1406271	4 20 64	31	16,415	588	297	2	17,855	3.9	689	8-67	40	651	33
31-88-0630	6056279	1271810	8 14 63	24	16,823	605	305	3	18,676	4.1	758	11-67	42	603	26
31-88-0630	5454881	1271810	9 3 61	17	16,420	595	304	5	20,754	3.5	723	2-68	44	935	25
32-01-0046	6053526	1294703	12 2 63	23	15,445	560	305	2	18,870	3.5	655	6-67	40	779	20
32-01-0048	6788066	1406271	1 28 66	24	17,590	665	305	1	22,590	4.0	899	1-68	35	901	42
32-01-9280	5711769	1199324	9 10 62	39	13,937	531	302	4	16,812	3.8	633	10-67	44	882	29

32-01-9280	6383788	1399845	5 8 65	27 13,550	508	305	1	21,340	3.8	819	11-67	24	733	29
32-01-9485	6254660	1400296	12 9 64	16 15,230	556	305	1	21,480	3.8	824	7-67	25	687	29
32-01-9485	5535369	1196645	12 11 61	9 16,605	592	305	4	22,682	3.3	759	1-68	44	764	19
32-01-0760	5347238	1154946	11 17 60	11 14,644	545	299	5	19,892	3.9	772	9-67	44	881	34
32-01-9901	6224883	1294703	3 15 64	17 13,960	511	305	1	21,220	3.7	775	7-67	35	987	30
32-01-9901	6224887	1324354	10 7 64	9 14,835	530	305	2	21,165	3.3	709	1-68	40	707	24
32-02-0164	5877967	1222994	10 21 62	24 14,600	514	302	2	18,850	3.5	668	10-66	40	785	28
32-02-0410	5578756	1010936	4 23 62	10 13,616	518	305	3	18,543	3.6	672	1-68	42	751	28
32-02-0766	6356260	1437632	9 3 65	9 14,300	540	273	1	19,480	3.6	709	1-68	33	681	18
32-03-0241	5220584	1320012	9 22 60	9 14,854	555	305	5	19,574	3.5	679	6-67	38	904	24
32-04-0760	5514852	1060259	6 11 59	41 14,386	578	299	3	16,903	3.7	626	8-67	42	665	16
32-04-0760	6499888	1199324	12 18 65	27 13,760	535	305	1	15,850	4.0	636	12-67	36	745	27
32-04-0760	6393760	1199324	9 25 65	53 14,110	553	305	1	16,170	3.7	600	10-67	36	745	23
32-06-9046	6286867	1370469	1 10 65	26 16,290	591	293	2	23,890	3.1	731	1-68	35	1008	14
32-06-9046	5299059	1352991	12 1 60	23 15,144	544	301	5	18,038	3.4	622	9-67	39	961	24
32-06-9046	4299154	1013415	12 8 56	25 15,010	539	305	5	19,256	3.7	712	12-67	44	642	23
32-06-9046	5846146	1307812	1 16 61	30 14,830	533	288	3	22,416	3.2	728	11-67	41	852	13
32-09-9042	6315924	1329588	12 27 64	21 16,460	595	305	1	22,110	3.1	695	7-67	36	706	15
32-09-9042	6392245	1417208	10 12 65	16 15,610	574	305	1	19,510	3.5	683	10-67	35	660	24
32-09-9042	6076223	1294703	2 29 64	12 16,945	617	305	2	19,700	3.5	690	5-67	40	726	18
32-09-0162	6000434	1222994	9 15 63	26 14,790	543	305	2	17,425	3.8	659	10-66	40	623	25
32-09-0162	6435727	1239242	7 12 65	34 15,110	573	305	1	19,050	3.3	638	8-67	36	613	16
32-09-0412	4839434	1060259	1 22 59	16 16,676	611	305	5	21,552	3.6	773	8-67	44	1022	31
32-09-0412	4839433	1060259	1 18 59	21 17,580	641	305	4	19,447	3.8	730	6-67	44	638	22
32-09-0412	6557042	1239242	1 20 66	20 17,760	653	303	1	21,190	3.6	763	2-68	36	595	20
32-09-0412	5839933	1222994	11 6 62	27 17,763	646	305	3	21,553	3.5	744	2-67	42	816	25
32-09-0481	4940891	1060259	6 28 59	37 16,810	600	305	1	19,530	3.8	747	8-67	36	629	22
32-09-0539	5326548	1315153	2 6 61	36 16,934	621	302	5	19,826	3.6	716	9-67	36	646	20
32-09-0539	5770270	1374490	10 23 62	8 16,987	569	290	4	21,055	3.7	769	9-67	34	786	36
32-09-0539	6366074	1330597	7 21 65	8 16,400	555	305	1	20,250	3.6	738	6-67	34	624	26
32-09-0712	6073270	1276654	1 8 64	20 15,195	559	305	2	21,815	4.2	912	10-67	40	841	40
32-09-0712	5920133	1199324	10 5 63	22 16,655	607	305	2	16,640	3.7	619	6-67	40	582	20
32-09-0712	6120729	1199324	1 10 64	15 14,895	557	305	2	18,010	3.9	708	10-67	40	882	33
32-09-0714	6079076	1199324	12 16 63	10 16,525	629	305	2	21,065	3.7	775	11-67	40	1043	34
32-09-0714	5602124	1199324	7 12 62	15 16,832	639	293	4	18,635	3.7	693	12-67	44	785	25
32-09-0901	5811724	1237747	12 6 62	10 14,766	532	305	3	21,996	3.3	721	3-67	42	708	19
32-10-9210	6088763	1329588	1 28 64	22 13,615	528	305	2	21,805	3.8	830	9-67	40	1079	37
32-10-9210	6201519	1065220	10 17 64	21 15,320	605	305	2	20,540	3.6	746	12-67	40	666	18
32-10-9651	6049509	1199324	11 10 63	20 14,065	532	305	2	16,995	3.8	648	8-67	40	855	30
32-10-9651	5909908	1199324	10 28 63	18 13,965	526	305	2	15,875	3.5	554	4-67	40	750	21
32-10-9651	5761273	1199324	1 22 63	16 14,116	536	305	3	15,050	4.1	618	7-67	42	648	27
32-10-9651	5738110	1199324	11 5 62	13 13,457	505	304	4	16,230	3.8	621	12-67	44	863	31
32-10-9764	6080321	1244009	2 1 64	25 15,420	565	305	2	19,285	3.8	741	9-67	40	816	28
32-17-0042	6271166	1271557	11 26 64	9 12,260	477	305	1	19,670	3.3	651	9-67	35	738	8
32-18-9281	6322675	1357743	2 21 65	15 12,620	491	305	1	19,890	3.8	764	7-67	34	683	22

TABLE 5.—HIGH-RANKING PROGENY OF DHIA SIRE: HOLSTEIN—Continued

COW'S LAST HERD CODE	COW'S REGISTRATION NO.	COW'S SIRE REGISTRATION NO.	COW'S BIRTH DATE (Mo.) (Day) (Yr.)	HERDMATES			AVERAGE PRODUCTION OF COW				LAST CALVING (Mo.) (Yr.)		REPEAT- ABILITY (Pct.)	COW INDEX	
				NUM- BER	MILK (Lb.)	FAT (Lb.)	IN MILK (Days)	REC- ORDS	MILK (Lb.)	FAT (Pct.)	FAT (Lb.)	CAR		MILK	FAT
32-18-9281	5705855	1352991	7 31 62	15	14,570	540	305	3	18,206	3.7	673	11-67	37	1025	31
32-18-9281	5705851	1352991	7 10 62	13	14,093	531	304	3	15,710	3.8	604	4-68	37	764	23
32-18-9281	5488799	1352991	11 18 61	15	14,720	556	305	4	19,090	3.7	699	2-68	38	1144	33
32-18-9281	6464868	1406271	10 1 65	20	15,570	586	305	1	21,470	4.0	859	1-68	35	953	44
32-18-9282	4849565	1087974	12 22 58	15	13,987	523	296	7	15,977	3.9	619	7-67	44	602	26
32-18-9282	5694267	1092490	2 26 62	34	14,390	543	300	4	21,342	3.7	791	12-67	44	982	29
32-18-0410	5572519	1328260	4 21 62	9	12,580	441	302	4	18,160	3.3	608	9-67	38	774	22
32-19-0590	6337190	1244009	9 9 64	37	13,400	516	305	1	15,770	3.7	586	8-67	36	607	15
32-19-0590	6260926	1411988	12 3 64	33	13,125	504	305	2	21,345	3.4	728	11-67	32	966	28
32-20-9114	5793836	1222994	1 14 63	20	16,185	629	305	2	19,595	3.7	717	9-66	40	716	23
32-20-9114	5525810	1222994	12 14 61	29	16,296	627	305	3	18,403	3.8	707	12-66	42	606	23
32-20-0280	5888790	1355784	1 19 63	14	13,886	471	298	3	15,596	3.3	517	6-67	41	730	15
32-20-0280	5929829	1383468	8 24 63	13	15,080	518	305	3	19,410	3.4	653	2-68	41	813	20
32-20-9326	5624778	1251495	3 11 62	10	14,350	536	300	4	17,867	3.4	609	1-68	40	717	16
32-20-9860	6118884	1290182	5 18 64	7	15,075	559	305	2	20,915	3.7	775	12-67	40	601	24
32-20-0916	5629978	1199324	3 11 62	6	14,026	517	305	3	18,123	3.4	620	3-67	42	1011	29
32-20-9924	6526372	1336050	11 26 65	11	14,730	526	305	1	18,130	3.8	687	2-68	33	615	26
32-20-0969	5341551	1154946	4 12 61	12	12,680	466	297	5	16,292	3.6	580	10-67	44	644	18
32-20-0969	6119319	1345461	6 1 64	7	15,055	557	305	2	18,465	3.7	677	1-68	36	777	28
32-25-0165	6333992	1359770	8 18 63	9	13,883	504	294	3	19,380	3.2	624	8-67	42	775	13
32-25-0212	6500959	1417208	3 15 66	10	16,520	561	285	1	19,730	3.2	630	3-68	35	740	21
32-25-9244	5760052	1283917	9 30 62	18	16,995	605	305	2	20,900	3.3	696	6-67	40	744	11
32-25-9325	5846694	1340669	11 15 62	22	14,960	571	302	3	18,780	3.8	706	11-67	42	718	16
32-25-9325	6134442	1283917	7 4 64	25	15,600	607	305	2	20,830	3.5	736	2-68	40	864	15
32-25-9325	6149122	1417208	11 10 64	25	15,390	595	305	2	18,430	3.9	711	12-67	40	658	27
32-25-0901	5744557	1222994	1 4 63	17	15,260	560	305	2	18,970	3.4	653	2-67	40	737	23
32-27-0322	6746832	1406271	12 19 65	39	12,140	435	305	1	13,590	3.2	435	2-68	35	591	23
32-27-0322	6523851	1405271	8 20 65	37	11,350	387	305	1	13,410	3.8	511	7-67	35	645	32
32-27-0322	5309367	1267257	10 12 60	46	13,038	461	275	6	17,388	3.1	533	10-67	36	768	12
32-27-0534	6082102	1276654	11 2 63	13	14,370	505	297	3	20,070	3.2	648	9-67	42	813	20
32-27-9657	6321138	1239242	1 17 65	15	16,740	587	305	1	20,450	3.4	699	8-67	36	608	19
32-27-9763	5780900	1230640	9 6 62	33	13,973	526	304	3	19,333	3.7	718	1-67	42	696	24
32-27-0906	5759096	1276654	3 8 63	10	13,616	472	297	3	17,680	3.2	567	10-67	42	616	15
32-29-9530	5637080	1320827	9 21 60	17	14,466	547	305	3	18,153	3.6	657	11-67	34	613	15
32-30-0210	5874450	1199324	10 9 62	5	13,643	475	293	3	14,446	3.5	507	9-67	42	627	20
32-32-0047	6394017	1406271	6 28 65	9	13,440	466	305	1	17,200	3.8	659	12-67	35	776	37
32-34-0101	6261638	1294703	9 23 64	9	13,160	430	293	2	15,100	3.4	506	8-67	40	604	16
32-35-0003	6484515	1352991	11 12 65	16	13,290	505	305	1	19,700	3.5	686	1-68	29	1147	30
32-35-0003	6435632	1352991	9 30 65	16	13,870	523	305	1	16,030	3.9	624	12-67	29	799	23
32-35-0003	6435633	1352991	10 1 65	16	13,290	505	305	1	16,950	3.6	606	1-68	29	919	23
32-38-0324	6172233	1414935	10 9 64	12	15,580	603	305	1	20,920	3.8	790	7-67	24	636	23
32-42-0411	6497248	1282185	9 4 65	37	15,810	570	305	1	23,120	3.5	811	8-67	36	687	21
32-43-9161	6142431	1329588	4 17 64	7	15,470	593	304	2	19,280	3.9	750	7-67	40	654	23
32-43-0622	5610212	1154946	10 8 61	21	14,645	528	305	2	18,920	3.7	707	1-68	40	649	22
32-43-0860	6398442	1283917	3 11 65	10	15,970	607	305	2	20,140	3.3	658	3-68	40	760	7

32-43-0906	6066003	1424644	12 1 63	5	14,640	536	294	3	19,993	3.2	647	7-67	32	820	21
32-43-0906	5942860	1424644	9 2 63	14	14,140	530	305	2	20,205	3.8	773	7-67	29	820	35
32-44-0331	5566792	1258981	11 13 61	11	15,347	576	302	4	20,517	4.0	823	3-67	43	987	46
32-44-9650	5825666	1379945	10 12 62	26	14,305	549	305	2	21,595	3.5	747	8-67	31	1014	27
32-44-9966	6470699	1345461	10 12 65	30	16,670	588	305	1	19,000	3.4	645	10-67	32	633	21
32-44-9966	4920930	1291097	9 19 59	9	13,905	492	299	6	19,126	3.7	707	7-67	37	801	34
32-44-9966	6216985	1439617	12 4 64	13	13,655	494	305	2	18,970	3.4	647	3-68	29	662	20
32-45-9320	6458327	1449520	9 22 65	12	12,980	487	305	1	20,710	3.3	681	1-68	28	997	27
32-45-9320	5337419	1199324	1 12 61	12	14,506	540	305	3	16,560	3.5	583	5-67	42	781	22
32-45-0533	4780301	1060259	8 9 58	7	15,317	560	305	4	19,147	3.5	661	4-67	44	852	22
32-45-0533	6167160	1239242	10 13 64	10	14,565	535	305	2	18,450	3.9	725	9-67	40	693	29
32-45-0710	6546629	1239242	10 19 65	8	16,030	613	305	1	20,550	3.6	738	3-68	36	663	20
32-45-9768	5996306	1244009	10 7 63	6	13,465	496	305	2	18,185	3.9	701	12-67	36	883	30
32-46-9041	6319903	1385194	7 15 64	12	16,340	603	302	2	20,740	3.7	773	12-67	31	708	26
32-46-0045	5744429	1283917	11 24 62	8	13,213	498	304	3	17,926	3.5	635	7-67	42	840	16
32-46-9100	6377328	1386406	5 31 65	13	15,860	631	305	1	19,530	4.0	776	7-67	35	672	27
32-46-9100	6161476	1283917	8 29 64	14	15,950	633	305	1	19,530	4.3	838	8-67	36	618	17
32-46-9107	6391048	1330987	5 21 65	23	15,280	548	305	1	18,220	3.2	583	8-67	36	582	22
32-46-0211	6261016	1385036	3 13 65	26	15,820	546	305	1	21,660	3.0	660	7-67	35	792	14
32-46-0283	6445828	1283917	7 12 65	11	15,930	589	305	1	21,230	3.6	760	2-68	36	746	14
32-46-9321	5757147	1154946	8 28 62	30	15,415	585	305	4	20,780	4.1	860	1-68	44	878	39
32-46-9324	5208679	1284909	8 26 60	32	13,210	498	302	5	19,644	3.9	761	9-67	38	1062	43
32-46-9324	5208668	1284909	1 1 60	33	13,358	496	305	5	16,846	3.9	659	9-67	38	637	28
32-46-9324	5176159	1154946	2 9 60	50	13,488	503	292	6	18,008	3.6	655	9-67	44	772	23
32-46-9324	6265628	1413027	9 14 64	39	13,690	514	305	1	20,610	3.6	745	5-67	24	663	23
32-46-9324	6311344	1413027	9 18 64	46	14,285	544	305	2	18,735	3.8	704	9-67	29	580	22
32-46-9324	5979174	1330987	8 22 63	41	14,153	529	305	3	17,430	4.0	691	3-68	42	671	35
32-46-9324	6088943	1413027	10 16 63	40	13,585	503	305	2	20,215	3.8	765	6-67	29	832	33
32-46-0333	6443631	1331709	11 29 65	20	16,710	635	305	1	19,570	3.7	724	12-67	33	649	15
32-46-0333	5753059	1387939	1 4 63	9	16,320	592	305	2	20,195	3.9	786	6-67	29	608	30
32-46-0333	6588460	1331709	7 22 66	14	15,990	583	305	1	20,310	3.8	762	4-68	34	718	20
32-46-0333	6157778	1239242	9 21 64	31	15,780	591	305	2	18,670	3.9	726	10-67	40	604	24
32-46-0380	5523468	1359770	2 21 62	54	12,630	436	305	4	17,162	3.5	596	6-67	44	685	19
32-46-0482	5605703	1259069	2 15 62	29	16,025	590	304	4	24,112	3.3	804	2-68	44	1228	31
32-46-0483	5112927	1060259	2 19 60	27	15,010	578	305	5	18,250	3.8	697	2-67	44	790	25
32-46-0483	6540590	1282936	9 24 65	42	16,070	601	305	1	18,930	3.7	704	10-67	34	590	22
32-46-0483	4925100	1060259	7 10 59	42	16,430	618	305	2	28,220	3.5	994	12-67	40	1604	49
32-46-0483	4925099	1060259	7 10 59	40	14,083	536	291	3	16,386	3.6	588	7-67	42	636	16
32-46-0483	4925101	1060259	7 28 59	31	13,823	530	303	6	17,105	3.8	653	11-67	44	780	25
32-46-0483	6207431	1330987	10 29 64	42	16,650	623	305	2	20,135	4.1	828	12-67	40	714	39
32-46-0483	6332937	1330987	5 14 65	40	15,630	586	296	1	18,610	4.3	796	7-67	36	587	35
32-46-9590	6552837	1282936	9 30 65	37	15,990	594	305	1	20,980	3.7	777	12-67	34	754	28
32-46-9590	6807113	1373055	7 7 65	15	17,610	646	305	1	21,140	3.7	791	3-68	35	601	16
32-46-9710	6775503	1330987	6 19 65	26	16,620	632	305	1	19,700	3.9	759	11-67	36	602	29
32-46-0711	5784936	1404508	10 24 62	13	17,460	629	305	1	22,980	3.4	792	2-68	22	669	21

TABLE 5.—HIGH-RANKING PROGENY OF DHIA SIRE: HOLSTEIN—Continued

COW'S LAST HERD CODE	COW'S REGISTRATION NO.	COW'S SIRE REGISTRATION NO.	COW'S BIRTH DATE (Mo.) (Day) (Yr.)	HERDMATES			AVERAGE PRODUCTION OF COW				LAST CALVING		REPEAT- ABILITY (P _{ct.})		COW INDEX	
				NUM- BER	MILK (Lb.)	FAT (Lb.)	IN MILK (Days)	REC- ORDS	MILK (Lb.)	FAT (Pct.)	(Mo.) (Yr.)	CAR			MILK	FAT
32-46-0765	5822049	1330987	3 2 63	10	14,473	538	305	3	18,360	3.3	608	7-67	42	776	25	
32-46-0765	5632379	1330987	8 27 62	17	16,065	600	305	4	20,092	3.6	732	12-67	44	840	34	
32-46-0960	5820350	1284909	3 28 62	26	12,646	454	305	3	16,333	3.4	552	6-67	35	608	17	
32-46-0960	6351081	1386406	2 22 65	23	12,770	466	305	1	15,960	3.4	536	9-67	35	612	20	
32-47-0620	6102664	1259069	7 13 63	16	15,940	524	304	3	19,100	3.3	627	12-67	42	595	16	
32-48-0380	5823433	1222994	12 8 62	24	13,660	450	292	3	15,856	3.3	527	3-67	42	586	20	
32-48-0380	5804267	1374490	2 1 63	26	13,496	445	303	3	17,440	3.2	564	6-67	32	683	21	
32-48-0380	5673573	1222994	8 16 62	25	14,030	466	305	2	16,940	3.4	580	11-66	40	644	24	
32-48-0380	5673571	1222994	7 16 62	20	13,780	455	305	2	16,515	3.2	535	9-66	40	623	20	
32-48-0650	5780839	1222994	7 26 62	7	14,263	524	281	3	17,293	3.5	604	12-66	42	689	21	
32-48-0650	6285446	1303198	2 25 65	7	13,790	489	305	1	19,740	3.4	662	11-67	36	700	22	
32-48-0650	6090819	1303198	6 20 64	5	13,825	494	305	2	17,710	3.6	638	10-67	43	637	23	
32-50-0542	6633012	1330987	5 23 65	13	13,180	506	300	1	17,030	3.9	671	9-67	36	634	31	
32-50-0542	6633013	1330987	10 5 65	12	15,710	560	305	1	19,360	3.9	754	3-68	36	605	33	
32-50-0542	5105674	1346780	8 27 59	11	13,116	476	301	6	18,958	3.5	673	2-68	36	874	29	
32-50-0592	5385304	1234371	8 7 61	33	15,567	574	305	4	19,467	3.7	716	2-68	41	583	20	
32-50-0592	5646837	1239480	8 2 62	34	15,626	580	305	4	19,906	3.6	710	12-67	37	619	22	
32-50-0592	5991391	1239480	8 24 62	25	15,740	570	305	2	21,605	3.5	752	7-67	35	734	26	
32-50-0825	5685948	1222994	8 22 62	15	14,890	549	296	3	17,756	3.9	694	9-66	42	677	29	
32-55-0041	5826669	1352991	1 25 63	22	12,933	448	263	3	14,593	3.4	496	10-67	37	754	19	
32-55-0041	5871334	1352991	12 28 62	22	13,350	466	300	4	16,272	3.8	611	1-68	38	930	32	
32-55-0041	5488800	1352991	1 2 62	23	12,647	440	298	4	17,745	3.2	567	1-68	38	1215	29	
32-55-0041	5488796	1352991	11 4 61	23	13,065	452	295	4	18,645	3.2	592	1-68	38	1285	31	
32-55-0041	6239891	1352991	10 19 64	19	12,760	437	293	2	14,950	3.2	473	11-67	34	812	17	
32-55-0041	6239895	1352991	3 2 65	21	11,880	401	305	1	18,250	3.1	566	8-67	29	1132	28	
32-57-0320	4239919	1013415	1 5 56	10	14,411	524	305	6	18,631	3.7	697	6-67	44	631	23	
32-57-0452	6132583	1329588	6 10 64	35	14,165	525	292	2	18,750	3.4	636	11-67	40	719	18	
32-57-0480	5830938	1222994	9 30 62	17	12,696	478	299	3	15,356	3.7	569	12-66	42	628	22	
32-57-0480	6048556	1234506	10 7 63	13	12,835	478	305	2	18,415	3.7	687	9-67	40	969	26	
32-57-0716	6099311	1259069	5 10 63	7	14,120	515	305	1	19,400	3.4	653	6-67	36	624	15	
32-64-0323	5524268	1359770	3 1 62	15	15,845	610	305	2	20,005	3.7	749	8-67	40	589	15	
32-64-0762	5910438	1222994	9 30 63	10	18,640	647	305	2	21,970	3.4	745	1-67	40	733	24	
32-66-0442	5776750	1345461	11 1 61	11	15,282	545	305	4	20,677	3.6	753	5-67	40	1098	41	
32-67-9040	6558793	1452345	8 20 65	50	16,290	614	305	1	20,680	3.8	795	11-67	26	733	28	
32-67-0241	6034671	1366909	10 7 63	17	16,506	562	292	3	20,653	3.2	665	4-68	33	817	19	
32-67-0241	6034674	1366900	2 11 64	20	14,915	516	305	2	20,115	3.1	621	9-67	30	863	17	
32-67-0710	5712738	1352991	11 7 62	13	11,912	419	292	4	14,680	3.3	487	11-67	38	890	21	
32-68-0535	6415689	1406271	3 2 65	5	14,380	534	305	1	18,850	3.6	670	11-67	35	850	34	
32-68-9770	5326852	1328260	1 22 61	7	13,120	442	304	5	18,246	3.4	612	8-67	39	753	24	
32-71-9043	5959733	1375092	3 7 63	9	13,526	496	304	3	20,566	3.3	673	9-67	34	1182	35	
32-71-0164	5870535	1222994	7 27 63	7	12,885	483	305	2	15,605	3.4	535	11-66	40	613	18	
32-71-0243	6097297	1244009	1 16 64	5	14,745	513	305	2	16,565	3.5	578	7-67	40	601	16	
32-71-0325	6053703	1259069	4 12 64	12	14,820	538	302	1	24,490	3.7	902	7-67	36	956	32	
32-71-0480	5433662	1324959	11 22 61	7	13,442	510	305	4	17,980	3.8	682	7-67	44	655	21	
32-74-0761	4752599	1060259	10 20 58	22	14,200	520	300	6	18,333	3.4	619	8-67	44	894	22	

32-74-0761	6209396	1396567	10	1	64	15	13,985	544	296	2	17,940	3.9	707	11-67	29	604	26
32-85-9530	5666089	1365741	9	5	62	14	15,853	551	305	3	20,566	3.4	702	12-67	33	744	22
32-89-0044	5783521	1259069	10	18	62	67	16,925	621	300	4	20,260	3.7	746	10-67	44	652	21
32-89-0044	6436860	1298372	9	5	65	95	16,150	599	305	1	19,030	4.2	801	8-67	33	588	23
32-89-0044	6406092	1239242	4	6	65	50	16,410	608	305	1	21,020	3.5	740	6-67	36	672	21
32-89-0044	5940269	1259069	10	19	63	80	16,226	592	301	3	21,003	3.6	764	9-67	42	784	25
32-89-0328	6471344	1406271	9	26	65	24	13,510	498	305	1	16,650	4.1	677	10-67	35	743	37
32-89-0328	6232364	1391780	10	28	64	19	13,885	517	305	2	19,730	3.6	701	10-67	29	828	23
32-89-9531	5999691	1302949	11	23	63	15	13,995	467	294	2	20,720	3.0	615	11-67	30	781	14
32-89-C822	6422819	1357092	8	7	65	11	10,680	370	305	1	14,710	3.1	449	10-67	26	616	19
32-90-0329	5003478	1065220	12	20	58	11	17,934	632	302	7	21,170	3.7	782	11-67	44	583	23
32-91-9710	5354882	1300579	4	27	61	13	15,636	602	296	3	20,063	3.7	733	10-67	34	608	22
32-91-9710	6071475	1292880	4	10	64	20	16,005	644	305	2	24,745	3.9	961	10-67	40	836	36
32-91-9710	5577279	1300579	12	27	61	9	16,460	640	305	4	21,997	4.2	914	2-68	36	817	44
32-91-0760	5754721	1199324	2	22	63	20	15,303	572	294	3	16,986	3.6	612	8-67	42	748	22
32-91-0760	5913490	1199324	7	4	63	20	15,143	582	305	3	17,356	3.6	627	11-67	42	807	23
32-91-0760	5913489	1199324	7	4	63	22	15,225	577	300	2	15,915	3.9	628	9-67	40	639	23
32-91-0760	6550137	1330987	1	3	66	29	15,720	596	304	1	21,570	3.6	772	2-68	36	769	32
32-91-0760	6271941	1199324	3	7	65	25	15,500	566	305	1	19,140	3.8	730	6-67	36	873	32
32-91-0760	6271937	1330987	10	27	64	29	16,175	604	302	2	19,660	3.8	748	1-68	40	678	32
32-92-9441	5455872	1344455	9	11	61	5	16,012	580	305	4	21,232	3.6	759	3-68	35	957	35
32-92-0765	4369623	1087974	9	29	56	13	16,263	579	305	3	22,843	3.5	805	10-67	42	1141	40
32-92-C960	6534358	1239242	11	3	65	21	14,380	547	305	1	24,990	3.4	842	12-67	36	1104	33
32-92-C960	6534360	1239242	2	12	66	17	15,120	575	305	1	21,710	3.5	759	2-68	36	810	25
32-94-9650	5190213	1087974	9	14	58	35	16,035	593	304	6	23,791	3.7	881	6-67	44	1372	51
32-94-9650	5155733	1226477	11	13	58	42	16,063	594	304	6	19,891	3.6	716	9-67	35	787	25
33-01-0274	5833077	1352979	1	3	63	11	13,570	465	305	3	16,863	3.4	580	10-67	42	660	18
33-01-C440	6298611	1437632	3	12	65	23	13,480	513	305	1	20,450	3.3	665	11-67	33	816	16
33-02-0210	6308533	1199324	8	18	64	36	16,080	582	296	2	16,180	3.7	591	12-67	40	588	19
33-02-0210	5221784	1345354	10	18	60	39	15,780	572	305	2	20,710	3.6	751	3-68	38	645	28
33-02-0210	6176678	1427346	1	25	64	39	14,750	536	305	2	18,265	3.6	650	8-67	30	660	25
33-02-0441	5208496	1345456	9	18	60	12	15,626	556	302	5	20,490	3.5	718	1-68	35	1038	35
33-02-0441	5475926	1345456	11	12	61	11	15,538	554	302	5	21,286	3.6	776	1-68	35	1171	44
33-02-0441	5475927	1345456	11	16	61	14	15,314	538	302	5	20,448	3.5	714	11-67	35	1074	37
33-02-0443	6492229	1350190	10	31	65	26	11,480	401	305	1	18,690	3.4	635	11-67	36	733	19
33-02-0715	6162359	1330987	10	15	64	40	16,330	567	305	2	18,950	3.4	646	10-67	40	623	26
33-02-0721	6199109	1412432	1	2	65	9	18,820	649	305	1	23,160	3.6	828	5-67	26	588	23
33-02-0721	5962446	1413181	10	9	63	5	18,615	664	299	2	22,490	3.4	755	12-67	29	625	15
33-02-0840	5721015	1352979	7	11	62	6	14,335	510	305	2	19,455	3.4	654	8-67	40	817	20
33-02-0845	6539124	1437632	7	29	65	12	14,180	501	305	1	20,680	3.4	711	3-68	33	760	20
33-03-0211	6394293	1315578	4	7	64	16	12,620	471	305	2	17,740	4.2	752	11-67	40	800	50
33-03-C243	6329548	1283917	10	12	64	19	12,830	518	305	1	16,860	4.3	728	3-68	36	629	16
33-03-C243	6454248	1397617	4	10	64	20	11,760	458	305	1	19,650	3.6	713	7-67	24	706	25
33-03-0512	5639838	1282185	8	26	62	12	16,295	605	298	4	20,517	3.6	744	11-67	44	665	21
33-03-0540	5795894	1259069	10	25	62	16	14,773	519	305	3	19,436	3.4	666	8-67	42	754	21

TABLE 5.—HIGH-RANKING PROGENY OF DHIA Sires: HOLSTEIN—Continued

COW'S LAST HERD CODE	COW'S REGISTRATION NO.	COW'S SIRE REGISTRATION NO.	COW'S BIRTH DATE (Mo.) (Day) (Yr.)	HERDMATES			AVERAGE PRODUCTION OF COW					LAST CALVING		REPEAT- ABILITY (Pct.)	COW INDEX	
				NUM- BER	MILK (Lb.)	FAT (Lb.)	IN MILK (Days)	REC- ORDS	MILK (Lb.)	FAT (Pct.)	FAT (Lb.)	(Mo.) (Yr.)	CAR		MILK	FAT
33-03-0712	6384248	1303198	10 29 64	11	13,570	506	305	2	17,100	3.7	630	1-68		40	599	22
33-03-0712	5889219	1315578	1 29 63	24	13,676	506	290	3	16,486	3.8	620	11-67		42	607	34
33-03-0712	6031823	1330987	12 23 62	12	12,856	469	305	3	17,690	3.5	626	8-67		42	867	35
33-05-0445	6084177	1283917	2 24 64	19	12,815	454	304	2	17,730	3.2	569	8-67		40	804	12
33-07-0171	6420765	1440098	9 9 65	12	12,700	493	299	1	17,640	3.5	610	11-67		23	703	16
33-07-0171	6420760	1440098	6 2 65	11	12,410	484	305	1	20,060	3.3	653	8-67		22	830	19
33-07-0171	6420764	1440098	8 31 65	13	12,570	496	305	1	17,520	3.8	658	10-67		23	703	20
33-07-0171	6216626	1440098	12 1 64	24	12,415	482	305	2	16,860	3.3	555	11-67		29	769	14
33-07-0171	6216623	1440098	11 4 64	17	12,965	496	305	2	17,300	3.5	600	12-67		29	763	18
33-07-0171	6216629	1440098	1 10 65	12	13,590	521	305	2	18,135	3.4	622	1-68		29	796	17
33-07-0212	6151553	1386859	7 20 64	7	15,210	537	298	2	16,685	3.7	618	6-67		38	597	24
33-07-0672	6345832	1315578	7 16 65	6	14,070	530	305	1	21,130	3.6	751	10-67		35	842	40
33-07-0740	6490998	1406271	3 26 65	11	14,670	531	243	1	17,710	3.5	618	5-67	B	35	744	30
33-09-0003	6349666	1419950	3 1 65	42	14,980	537	305	1	22,570	3.2	715	12-67		33	664	20
33-09-0003	5819590	1385036	12 27 62	30	14,800	546	300	2	17,945	3.8	677	6-67		30	645	18
33-09-0152	5789599	1282185	10 18 62	5	14,725	560	294	2	19,885	3.7	736	9-67		40	653	21
33-09-0152	5519615	1282185	9 27 61	7	15,210	560	305	2	21,550	3.4	727	2-68		40	777	20
33-09-0211	5966985	1385036	10 17 63	6	14,063	529	305	3	18,156	3.3	598	8-67		42	784	13
33-10-0174	6461755	1308101	11 16 65	40	15,230	517	305	1	17,030	3.2	542	7-67		34	692	19
33-10-0174	6152608	1414917	7 28 64	63	15,660	536	305	2	20,430	3.2	658	10-67		39	686	18
33-10-0412	5754298	1352979	9 14 62	18	12,690	444	305	4	15,885	3.6	570	2-68		43	657	20
33-11-0810	5631954	1199324	8 13 62	17	11,485	415	305	2	12,875	3.5	454	11-67		40	672	20
33-13-0210	6297524	1437632	1 18 65	13	14,125	527	305	2	20,880	3.5	727	3-68		38	950	25
33-13-0273	6514304	1352979	12 2 65	25	16,600	532	299	1	23,410	3.0	703	12-67		35	843	18
33-13-0340	4972847	1293580	7 27 59	25	16,195	578	298	7	25,004	3.4	840	11-67		44	951	32
33-13-0344	6188961	1414917	9 18 64	18	13,305	488	305	2	19,405	3.1	609	11-67		39	800	18
33-13-0351	6199581	1414917	12 4 64	9	13,500	499	299	2	17,750	3.5	618	11-67		39	610	18
33-13-0353	6219279	1352979	12 2 64	6	14,900	515	281	1	18,540	3.4	636	3-68		35	591	15
33-13-0410	5822325	1315578	1 22 63	15	12,616	476	305	3	15,896	3.7	581	9-67		42	649	33
33-13-0512	5779554	1352979	5 5 62	30	15,970	578	300	4	18,462	3.6	659	10-67		43	611	16
33-13-0512	6491607	1352979	2 9 66	13	16,430	581	305	1	29,320	3.5	1034	4-68	A	35	1301	40
33-13-0512	6028484	1414917	12 11 63	30	16,095	569	305	2	20,640	3.5	719	9-67		39	668	22
33-13-0677	6061382	1330987	3 7 64	10	12,486	470	299	3	15,833	3.6	574	2-68		42	660	28
33-13-0677	5779846	1340669	11 8 62	23	12,087	453	290	4	17,427	3.3	567	12-67		44	898	13
33-13-0683	6516723	1437632	1 2 66	10	12,550	449	305	1	18,490	3.7	677	1-68		33	727	22
33-18-0143	6266774	1282185	2 3 65	9	12,330	465	305	1	19,030	3.6	681	10-67		36	615	18
33-18-0277	5940654	1315578	2 9 63	18	15,356	606	305	3	17,840	4.1	738	7-67		42	589	38
33-18-0346	5755617	1282185	7 10 62	13	16,830	605	305	4	20,417	3.5	707	10-67		44	593	16
33-18-0612	6327839	1242221	1 23 65	15	15,620	601	305	1	19,250	4.0	762	12-67		32	951	37
33-21-0114	6454632	1386859	6 24 65	18	14,100	560	305	1	19,110	3.6	687	9-67		34	845	27
33-21-0172	5709010	1010936	7 11 62	19	15,700	577	305	3	20,060	3.5	696	8-67		42	710	24
33-21-0172	5675858	1398733	10 5 62	24	16,423	607	305	3	20,473	3.6	741	3-68		34	661	22
33-21-0172	5921299	1329588	11 7 63	21	14,413	547	305	3	21,826	3.3	726	2-68		42	1101	28
33-21-0345	4850255	1240509	11 5 58	8	15,603	631	305	6	18,735	3.7	702	2-68		40	660	17
33-21-0345	4862525	1240509	3 20 59	13	15,985	646	305	6	18,705	3.9	736	12-67		40	607	20

33-21-0522	5887200	1199324	5 26 63	18	13,016	485	305	3	16,666	3.6	599	1-68	42	948	30
33-21-0716	5898865	1367307	5 17 63	20	12,445	486	305	2	16,110	3.9	635	2-68	32	582	22
33-21-0716	5635354	1367307	7 23 62	14	12,355	476	297	4	17,367	3.7	643	3-68	36	846	28
33-21-0717	6275009	1431720	1 16 65	9	15,290	587	305	1	20,980	3.6	757	1-68	34	814	16
33-24-0311	6228829	1329588	10 28 64	23	13,630	505	305	2	17,480	3.8	671	2-68	40	639	23
33-24-0410	5941575	1265694	10 15 63	16	14,185	518	305	2	18,780	3.1	588	5-67	40	852	11
33-24-0410	5399252	1199324	8 31 61	17	14,372	532	303	4	15,805	3.4	543	2-67	44	709	18
33-24-0440	6258944	1385036	11 5 64	11	13,845	512	305	2	17,085	3.9	658	1-68	40	645	19
33-24-0470	5767723	1352979	10 29 62	12	11,340	418	305	3	15,550	3.4	522	8-67	42	741	16
33-24-0611	5547618	1265694	10 8 61	27	17,603	631	305	3	23,636	3.0	698	8-67	42	1115	13
33-24-0673	5781930	1355376	11 2 62	17	15,196	543	300	3	21,036	3.4	715	10-67	41	941	27
33-24-0673	6817944	1313490	5 11 65	29	13,780	484	305	1	20,770	3.3	692	8-67	35	758	19
33-24-0673	6184481	1283917	12 10 62	18	15,610	569	305	3	20,356	3.0	616	6-67	42	871	7
33-24-0712	6169890	1373573	9 23 63	22	15,193	591	305	3	19,120	3.6	682	1-68	32	583	15
33-24-0712	5494839	1373573	8 18 61	24	14,244	551	303	5	18,534	3.7	683	9-67	35	685	22
33-24-0717	5435360	1199324	9 7 61	13	14,486	510	305	3	21,403	3.4	738	11-67	42	1340	43
33-24-0717	6456612	1417208	10 25 65	8	17,310	596	305	1	22,050	3.2	703	1-68	35	736	24
33-24-0717	5922900	1199324	11 5 63	14	14,400	514	303	3	15,506	3.5	535	10-67	42	671	20
33-24-0718	5941484	1402806	10 2 63	22	13,760	494	305	1	21,530	3.6	773	10-67	23	721	25
33-24-0841	5902234	1449577	10 4 62	20	15,733	597	305	3	20,086	3.5	698	10-67	32	707	19
33-24-0841	4603692	1265694	1 23 58	18	14,768	558	305	8	19,042	3.8	732	12-67	44	926	27
33-24-0841	6136505	1352991	6 2 64	26	14,160	526	305	2	19,545	3.2	629	7-67	34	1183	26
33-24-0841	6270798	1414917	7 14 64	37	16,345	617	253	2	21,690	3.5	761	1-68	39	753	21
33-24-0841	6370246	1449577	5 3 64	32	14,890	557	305	2	19,485	4.4	864	9-67	29	660	42
33-24-0844	5801929	1199324	4 4 63	13	14,010	527	299	3	16,460	3.5	570	4-67	42	821	22
33-25-0471	6604734	1400575	11 22 65	151	16,050	542	305	1	20,840	3.5	723	4-68	33	827	18
33-25-0471	6388742	1417208	8 3 65	150	16,020	542	305	1	19,180	3.2	611	4-68	35	632	21
33-31-0140	5364670	1391114	2 4 61	5	13,082	463	304	5	17,066	3.3	567	2-68	35	596	17
33-31-0356	5968283	1283917	12 23 63	27	14,125	505	305	2	20,290	3.1	634	12-67	40	944	13
33-36-0142	6085739	1354483	7 2 62	5	15,440	577	305	3	19,233	3.5	670	7-67	33	607	16
33-36-0142	5250540	1354483	2 19 60	9	15,788	596	305	6	18,986	3.8	728	2-68	36	582	24
33-36-0142	6684872	1354483	1 22 65	7	16,555	627	305	2	30,380	3.8	1146	1-68	30	1758	67
33-36-0142	6188747	1354483	3 2 62	6	11,405	570	305	3	22,830	4.4	1011	7-67	33	1101	63
33-36-0511	6212796	1385036	8 17 64	24	11,405	407	305	2	15,055	3.4	516	9-67	40	662	15
33-38-0410	6660296	1385036	2 27 66	30	14,880	550	305	1	22,810	3.4	771	3-68	35	942	22
33-38-0611	5454813	1199324	12 13 61	13	14,287	538	305	4	16,147	3.8	607	7-67	44	761	26
33-40-0712	5700415	1352979	10 8 62	18	14,686	525	305	3	17,436	3.5	612	10-67	42	610	15
33-40-0712	6148089	1340669	9 27 64	26	14,825	533	305	2	18,340	3.8	689	12-67	40	642	16
33-41-0111	5681971	1385036	9 2 62	12	17,923	635	305	3	20,980	3.9	821	10-67	42	709	28
33-41-0111	5922084	1385036	10 1 63	17	17,396	635	304	3	19,590	3.9	757	11-67	42	602	20
33-41-0111	5922083	1385036	9 25 63	14	17,276	618	303	3	20,673	3.3	681	1-68	42	741	13
33-41-0170	6026534	1315578	5 24 63	12	14,375	535	305	2	17,540	3.8	674	3-67	40	618	36
33-41-0170	5823556	1386859	1 19 63	13	13,710	516	305	3	15,220	3.6	548	2-67	41	592	19
33-41-0170	5823550	1315578	2 2 63	11	14,653	555	294	3	17,506	3.7	648	11-67	42	623	32
33-41-0170	5823557	1386859	3 24 63	11	14,100	533	305	3	16,606	3.7	613	8-67	41	715	25

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TABLE 5.—HIGH-RANKING PROGENY OF DHIA SIRE: HOLSTEIN—Continued

COW'S LAST HERD CODE	COW'S REGISTRATION NO.	COW'S SIRE REGISTRATION NO.	COW'S BIRTH DATE (Mo.) (Day) (Yr.)	HERDMATES			AVERAGE PRODUCTION OF COW				LAST CALVING (Mo.) (Yr.)		REPEAT- ABILITY (Pct.)	COW INDEX	
				NUM- BER	MILK (Lb.)	FAT (Lb.)	IN MILK (Days)	REC- ORDS	MILK (Lb.)	FAT (Pct.)				MILK	FAT
33-41-0170	6340151	1386859	5 29 65	12	14,400	546	305	1	15,940	3.9	625	5-67	34	580	23
33-41-0270	5886419	1315578	9 24 63	9	13,323	491	304	3	16,670	3.7	624	10-67	42	665	36
33-41-0510	5652080	1386859	10 5 62	19	14,300	550	245	3	17,580	3.6	626	6-67	35	782	24
33-41-0540	6763745	1417208	12 25 65	7	16,020	549	305	1	19,160	3.3	626	4-68	40	631	22
33-41-0540	6262432	1417208	9 29 64	10	17,265	600	305	2	21,700	3.1	682	1-68	40	819	23
33-41-0540	6110271	1282185	1 18 64	9	16,090	556	305	2	22,980	3.6	821	9-67	40	842	30
33-41-0540	6488782	1330987	8 17 65	12	14,990	550	305	1	19,450	3.7	726	8-67	36	693	32
33-41-0740	5389644	1183964	1 12 61	20	13,863	481	305	3	19,606	3.6	698	1-67	42	833	23
33-41-0847	6255768	1431720	12 27 64	18	11,820	448	305	1	18,400	3.2	593	8-67	33	839	13
33-41-0847	5601504	1386859	6 5 62	12	13,325	494	298	2	16,965	3.6	617	1-68	38	804	28
33-41-0910	6774127	1431720	4 14 65	10	13,030	504	305	1	19,240	3.3	630	9-67	34	836	12
33-43-0211	5823038	1199324	3 1 63	14	14,373	526	305	3	17,523	3.6	631	8-67	42	906	29
33-43-0241	5452083	1282185	11 18 61	13	14,656	555	245	3	20,236	3.4	687	7-67	42	767	18
33-43-0351	5704110	1340669	8 1 62	24	14,533	531	305	3	22,510	3.3	753	7-67	42	1191	26
33-43-0351	6148369	1199324	5 12 64	33	14,545	538	300	2	18,170	3.4	613	8-67	40	930	25
33-43-0351	6140542	1199324	3 1 64	24	14,570	531	305	2	18,200	3.7	678	5-67	40	931	33
33-43-0351	6148373	1283917	8 21 64	22	14,380	539	305	2	20,595	3.3	670	10-67	40	952	14
33-43-0352	6227114	1433785	1 14 65	20	14,630	543	305	1	20,420	3.4	688	9-67	28	819	30
33-43-0356	6150083	1259069	10 5 64	20	16,510	590	197	2	21,410	3.2	686	12-67	40	739	15
33-43-0417	6576557	1386841	4 7 66	7	14,470	527	305	1	18,010	3.7	660	4-68	29	687	18
33-43-0417	6550525	1386841	4 5 66	7	14,470	527	305	1	18,750	3.4	643	4-68	29	749	17
33-43-0511	5798364	1385036	10 30 62	13	14,336	532	305	3	17,410	3.7	642	12-67	42	669	18
33-43-0515	5836663	1309943	6 3 63	13	16,150	600	305	3	21,316	3.6	769	11-67	34	892	29
33-43-0515	5638052	1388567	3 9 62	16	17,625	657	305	2	21,090	3.9	821	1-68	30	636	30
33-43-0515	5650521	1309943	4 24 62	15	15,972	597	305	4	19,510	3.4	667	11-67	36	707	17
33-43-0515	5657150	1309943	6 21 62	14	16,440	624	305	4	19,915	3.6	720	2-68	36	704	21
33-43-0515	5510070	1309943	11 29 61	13	16,137	600	305	4	21,180	3.5	747	9-67	36	920	27
33-43-0515	5074182	1309943	11 6 59	17	15,750	589	305	6	19,003	3.7	705	4-68	37	680	24
33-43-0574	5588824	1340669	6 18 62	22	13,650	504	301	3	17,483	3.7	644	11-67	42	704	16
33-43-0712	6583944	1430098	6 6 65	24	13,970	534	305	1	19,310	3.4	653	8-67	22	589	15
33-43-0722	5905759	1386859	11 1 62	26	14,532	548	300	4	17,610	4.0	700	12-67	42	806	34
33-43-0722	4275525	1248277	8 14 56	19	14,135	548	294	10	18,438	3.7	681	3-68	42	628	15
33-43-0724	6430302	1301864	9 5 65	9	15,610	580	305	1	20,540	3.6	733	9-67	35	650	26
33-43-0724	5886383	1340669	9 1 63	16	16,236	606	305	3	21,506	3.3	699	11-67	42	900	12
33-43-0724	6176931	1329588	11 10 64	17	16,645	612	305	2	20,105	3.5	707	12-67	40	630	17
33-43-0724	6314781	1239242	3 7 65	6	15,180	571	305	1	19,380	3.8	739	6-67	36	633	23
33-43-0725	6247921	1386841	12 6 64	27	13,530	524	293	2	18,155	3.9	702	12-67	34	876	27
33-43-0725	6142622	1283917	4 4 64	16	14,306	546	301	3	19,196	3.6	692	3-68	42	873	18
33-43-0725	5664768	1330987	10 26 62	11	13,643	514	292	3	16,873	4.1	697	4-68	42	660	38
33-43-0725	5864550	1283917	4 16 63	29	14,545	554	305	2	18,780	3.4	640	2-68	40	752	10
33-43-0725	5865786	1283917	3 1 63	33	14,783	548	302	3	17,976	3.7	674	12-67	42	683	15
33-43-0842	5937597	1324354	3 2 62	17	13,805	501	298	4	19,777	3.4	667	5-67	44	790	25
33-43-0844	5949545	1421329	11 9 63	5	14,500	540	305	2	19,670	3.5	697	4-67	28	696	23
33-43-0844	5787905	1340669	11 3 62	14	14,760	590	305	1	21,280	3.6	770	10-67	36	785	14
33-44-0514	6312656	1386859	10 25 64	17	13,450	523	305	2	16,825	3.6	603	4-68	38	751	24

33-44-0514	6312657	1386859	1	1	65	10	12,830	506	305	1	15,470	3.8	595	10-67	34	653	23
33-44-0570	6341201	1242221	6	19	65	19	12,580	476	299	1	13,870	3.9	534	10-67	32	739	27
33-44-0611	6071227	1385036	9	28	63	14	13,810	513	305	3	17,246	3.6	627	1-68	42	705	18
33-44-0673	6079819	1386841	3	26	64	7	14,770	557	305	2	17,735	3.6	647	1-68	34	704	18
33-44-0711	5693114	1385036	10	10	62	9	14,587	528	295	4	18,570	3.2	602	3-68	43	803	14
33-44-0711	6645075	1282185	12	12	65	11	14,110	498	305	1	20,900	3.2	666	12-67	36	635	15
33-44-0725	6409508	1329588	3	6	65	14	13,040	464	305	1	18,230	3.1	572	6-67	36	647	15
33-45-0110	5955053	1386859	10	13	63	12	16,020	618	302	2	17,770	3.7	663	2-67	38	607	21
33-46-0714	5942150	1282185	1	1	63	20	13,413	477	305	3	18,936	3.2	612	3-68	42	746	18
33-50-0524	6267940	1435095	10	2	64	21	13,750	543	305	1	20,370	3.7	756	11-67	31	685	31
33-50-0524	6178145	1435095	9	26	64	10	11,600	449	305	1	17,360	3.3	572	8-67	29	703	23
33-51-0150	6413300	1242221	5	9	65	18	16,990	583	305	1	23,410	3.0	706	9-67	32	1185	33
33-51-0150	6520853	1242221	10	4	65	17	17,310	600	305	1	21,620	3.4	745	11-67	32	1019	35
33-51-0443	5641308	1282185	4	4	62	16	18,526	654	305	3	22,790	3.6	815	4-68	42	660	23
33-51-0513	6483664	1360676	2	20	66	27	14,840	527	305	1	17,120	3.4	589	2-68	28	674	25
33-51-0513	6483663	1360676	2	14	66	27	14,840	527	301	1	18,540	3.7	685	2-68	28	794	33
33-52-0713	5568449	1308101	11	14	65	16	11,180	402	305	1	15,100	3.6	541	12-67	35	885	28
33-54-0141	6285758	1352979	6	7	64	5	13,525	487	297	2	17,330	3.6	632	12-67	40	674	20
33-54-0440	5485897	1352979	10	28	61	21	14,812	551	302	4	18,675	3.5	660	3-68	43	767	19
33-54-0711	6556246	1406271	12	22	65	11	14,630	556	305	1	17,650	3.8	677	1-68	35	742	33
33-54-0711	5782995	1385036	11	17	62	13	15,736	590	305	3	22,666	3.6	813	9-67	42	1134	31
33-54-0740	6395693	1308101	10	11	65	29	14,690	545	305	1	21,590	3.4	733	10-67	35	1140	33
33-54-0740	6391398	1308101	10	8	65	28	15,100	553	305	1	16,650	3.3	555	11-67	35	734	19
33-55-0145	6169047	1199324	11	29	64	25	14,320	485	303	2	18,255	3.1	562	10-67	40	959	25
33-55-0147	5236375	1439939	10	22	64	17	13,060	460	305	1	19,240	3.4	654	5-67	19	585	18
33-55-0147	6638226	1439939	1	1	66	16	13,690	509	305	1	19,050	3.5	668	11-67	22	663	20
33-55-0271	5319002	1328911	8	1	60	19	13,635	472	305	2	19,500	3.8	742	9-67	30	633	32
33-55-0271	4937207	1245001	8	20	58	19	13,855	482	196	2	18,980	3.5	661	8-67	30	771	26
33-55-0343	5791152	1199324	11	20	62	15	14,090	511	302	3	18,383	3.6	657	3-67	42	1034	34
33-55-0472	5642904	1315578	8	21	62	15	14,360	534	305	3	17,240	3.9	675	2-67	42	623	38
33-55-0510	6166807	1329588	9	3	64	10	15,910	520	305	2	19,245	3.7	704	12-67	40	610	25
33-55-0510	6166806	1329588	8	24	64	11	15,775	517	305	2	19,705	3.5	692	12-67	40	669	24
33-55-0610	5850405	1315578	5	2	63	24	11,430	413	305	2	14,965	3.9	583	9-67	40	626	38
33-55-0718	6394153	1315578	11	20	65	10	15,360	526	302	1	20,250	3.5	718	12-67	35	688	38
33-55-0842	5625810	1352979	9	5	61	14	13,096	451	297	5	17,548	3.1	545	12-67	44	841	16
33-61-0114	6506473	1315578	1	13	65	12	15,010	555	305	1	20,800	3.8	791	9-67	35	753	41
33-61-0123	6101659	1359770	1	4	64	20	16,425	621	305	2	21,535	3.9	833	6-67	40	691	22
33-61-0124	6305987	1386406	7	14	64	11	15,315	579	305	2	18,630	3.6	675	1-68	40	709	25
33-61-0219	6329414	1386859	1	14	65	19	14,380	508	305	1	16,370	3.5	568	10-67	34	614	21
33-61-0220	5360190	1154946	2	5	61	28	14,427	542	301	4	19,975	3.7	734	12-67	44	888	28
33-61-0220	5227654	1154946	8	2	60	31	13,556	514	303	5	18,904	3.5	666	9-67	44	880	24
33-61-0225	6323973	1431720	7	7	65	21	12,980	493	305	1	18,160	3.4	614	12-67	34	757	12
33-61-0244	5104364	1330987	4	28	60	58	14,865	588	305	2	17,460	4.2	725	12-67	40	606	32
33-61-0244	6154634	1435720	9	23	64	58	15,350	620	305	2	20,300	3.7	741	2-68	29	629	16
33-61-0244	6133882	1199324	6	15	64	59	13,985	556	298	2	14,930	4.1	614	8-67	40	653	24

TABLE 5.—HIGH-RANKING PROGENY OF DHIA SIRE: HOLSTEIN—Continued

COW'S LAST HERD CODE	COW'S REGISTRATION NO.	COW'S SIRE REGISTRATION NO.	COW'S BIRTH DATE (Mo.) (Day) (Yr.)	HERDMATES			AVERAGE PRODUCTION OF COW				LAST CALVING (Mo.) (Yr.)	REPEAT- ABILITY (Pct.)	COW INDEX	
				NUM- BER	MILK (Lb.)	FAT (Lb.)	IN MILK (Days)	REC- ORDS	MILK (Lb.)	FAT (Pct.)			MILK	FAT
33-61-0244	5611671	1199324	3 9 62	46	15,710	619	305	2	20,180	3.7	743	40	1028	31
33-61-0244	5544796	1330987	1 28 62	55	15,446	617	305	3	18,890	3.6	671	42	705	24
33-61-0244	6049863	1428146	2 10 64	49	14,685	587	305	2	17,960	3.7	661	30	673	17
33-61-0278	6383899	1386859	8 30 65	17	14,430	550	305	1	18,650	3.4	631	34	787	23
33-61-0280	5883434	1418579	7 24 63	13	14,346	542	301	3	17,643	3.7	654	31	652	20
33-61-0280	6162193	1418579	8 18 64	13	14,735	562	305	2	20,160	3.5	699	28	866	21
33-61-0326	6108588	1247592	4 21 64	37	13,550	484	305	2	21,945	3.5	763	31	1016	32
33-61-0326	5890948	1199324	8 15 63	33	14,460	510	177	2	15,080	3.2	478	40	624	15
33-61-0326	5907391	1330987	9 2 63	31	14,690	510	305	3	21,133	3.3	691	42	1073	38
33-61-0326	6016304	1199324	12 31 63	45	13,630	483	282	2	14,770	3.5	514	40	669	20
33-61-0326	5661198	1330987	8 17 62	40	13,980	492	305	2	18,725	3.6	682	40	815	37
33-61-0326	5794507	1247592	4 10 63	42	13,490	484	305	2	19,525	3.2	625	31	739	16
33-61-0326	5819079	1330987	4 26 63	39	13,820	484	303	2	17,240	4.1	706	40	679	40
33-61-0327	6261553	1431720	12 28 64	14	14,940	578	286	2	17,575	4.0	705	38	629	16
33-61-1340	5664111	1380639	4 24 62	23	14,085	516	305	4	17,590	4.1	716	35	673	37
33-61-1340	6429367	1315578	5 4 65	21	14,260	532	305	1	21,480	3.9	827	35	855	45
33-61-0368	5593226	1282185	12 19 61	21	13,190	499	305	3	19,000	3.1	582	42	777	12
33-61-0414	5831274	1385036	12 12 62	21	13,850	504	305	3	17,166	3.6	619	42	691	18
33-61-0478	5862493	1282185	9 12 61	31	15,595	584	305	4	19,832	3.8	744	44	658	23
33-61-1512	5992212	1431720	12 2 63	13	12,585	469	305	2	19,870	3.7	736	38	1076	30
33-61-0513	6016381	1329588	12 3 63	58	15,295	572	305	2	21,230	3.4	726	40	867	23
33-61-0541	5695490	1386859	9 8 62	45	14,916	590	304	3	19,100	4.1	776	40	897	37
33-61-0541	6388740	1242221	4 20 65	28	15,060	586	305	1	17,070	4.7	797	33	829	41
33-61-0541	6155748	1431720	7 13 64	28	14,440	577	305	1	17,750	4.1	732	33	604	15
33-61-0610	6654603	1259069	11 26 65	30	16,780	636	305	1	21,730	3.9	846	36	619	21
33-61-0631	5941204	1282185	8 16 63	5	12,670	488	305	1	19,270	3.5	674	36	610	16
33-61-0685	5573211	2368660	12 3 57	26	14,340	549	305	2	24,995	3.9	964	38	1225	50
33-61-0686	5529217	1199324	11 15 61	16	13,992	488	305	4	17,657	3.4	600	44	980	30
33-61-0687	6449361	1438758	12 29 65	34	14,920	577	305	1	18,610	3.8	701	33	728	16
33-61-0687	5860043	1199324	6 29 63	45	14,510	523	296	3	18,626	3.6	665	42	1018	34
33-61-1731	5802322	1092490	2 15 63	7	14,257	562	281	4	18,017	4.0	718	44	586	18
33-61-1731	5650111	1386859	8 29 62	25	13,597	526	304	4	19,597	3.3	647	41	1142	30
33-61-1731	5314723	1315578	3 21 61	37	13,826	536	301	5	17,058	4.2	714	44	693	44
33-61-0735	6443925	1242221	7 29 65	11	15,260	589	305	1	14,750	3.5	519	32	617	19
33-61-0735	5847476	2605990	7 2 63	18	14,296	524	305	3	19,810	3.9	780	42	885	31
33-61-0735	6329659	1242221	6 4 65	26	14,320	526	305	1	15,290	3.9	598	32	728	29
33-61-0812	6163048	1282185	8 1 64	10	13,400	513	305	1	19,620	3.5	678	36	587	15
33-61-0814	5997063	1386859	8 28 63	12	16,020	581	271	2	17,265	3.4	594	38	582	18
33-61-0940	5634132	1282185	3 7 62	14	14,687	557	291	4	19,557	3.4	663	44	725	16
33-62-0150	6186272	1441575	9 14 64	14	14,545	498	305	2	19,055	3.5	669	25	580	22
33-62-0413	5675521	1386859	7 6 62	20	14,135	542	304	2	16,010	3.5	560	38	628	18
33-62-0413	5675522	1386859	8 25 62	19	13,220	485	305	2	15,325	3.9	601	38	614	27
33-62-0442	6084378	1330987	2 15 64	24	14,195	510	305	2	17,105	3.5	602	40	631	27
33-62-0522	6049142	1290914	1 7 64	11	14,836	552	299	3	19,900	3.6	717	42	698	17
33-62-0522	6224516	1385036	9 24 64	17	15,140	574	305	2	19,565	3.9	758	40	779	24

33-62-0570	5203067	1324168	8 13 60	11	16,520	619	305	5	19,962	3.8	753	3-68	35	590	23
33-62-0570	4708618	1269732	10 10 58	5	15,354	560	305	7	19,191	3.5	669	8-67	36	582	17
33-62-0733	5962415	1282185	10 5 63	6	16,500	582	305	2	23,050	3.4	792	11-67	40	812	24
33-62-0733	5599361	1282185	3 27 62	5	16,310	586	302	4	20,300	3.7	747	11-67	44	636	23
33-62-0735	5771158	1282185	10 18 62	6	16,170	568	291	4	20,312	3.4	681	12-67	44	653	17
33-68-0370	5819520	1350627	12 2 62	19	15,326	578	305	3	19,943	3.6	713	7-67	33	581	17
33-68-0370	5346292	1357586	5 10 61	16	14,760	543	276	5	18,988	3.6	676	11-67	36	868	29
33-68-0370	5422006	1357586	10 9 61	18	15,758	569	298	5	21,326	3.6	769	1-68	36	1107	40
33-68-0370	6199588	1357586	9 18 64	16	15,785	538	305	2	19,595	3.1	613	4-68	30	717	19
33-68-0370	6199587	1357586	8 30 64	20	15,645	540	293	2	19,530	3.3	641	12-67	30	774	22
33-69-0115	6117436	1385036	2 29 64	17	15,225	555	305	2	20,330	3.2	644	2-68	40	850	14
33-69-0115	6499463	1308101	12 22 65	6	13,320	516	305	1	17,140	3.1	523	1-68	35	894	19
33-69-0143	6484212	1315578	9 30 65	30	12,970	486	305	1	16,760	3.6	599	10-67	35	587	31
33-69-0143	5769374	1282185	10 2 62	26	12,900	469	304	4	17,772	3.3	594	11-67	44	703	17
33-69-0143	6312473	1315578	3 1 65	19	12,440	471	305	1	16,620	3.9	653	6-67	35	612	36
33-69-0272	5887934	1282185	6 19 63	7	15,513	552	305	3	19,496	3.5	674	12-67	42	593	17
33-69-0344	6184625	1271075	7 12 64	9	13,280	498	304	2	18,305	3.6	662	8-67	40	965	33
33-69-0472	6330451	1244009	6 15 65	22	15,340	580	305	1	18,600	3.6	674	9-67	36	620	17
33-69-0472	5535074	1010936	8 7 61	6	15,718	567	301	5	19,092	3.7	706	4-68	44	640	29
33-69-0519	5723730	1355376	2 3 63	18	13,880	550	305	2	18,040	3.6	653	4-68	38	676	18
33-69-0740	5956179	1282185	8 20 63	6	14,423	532	305	3	19,210	3.4	656	3-68	42	673	17
33-69-0846	5865379	1199324	12 8 62	15	14,730	516	305	3	16,590	3.5	586	2-67	42	762	25
33-69-0846	6283361	1330987	12 29 64	12	13,960	498	305	1	19,050	3.4	656	6-67	36	732	31
33-70-0673	6119656	1282185	8 17 64	5	15,335	601	303	2	22,780	3.5	793	2-68	40	891	23
33-70-0770	6603109	1386859	10 25 65	25	14,420	513	297	1	17,230	3.7	636	11-67	34	678	26
33-70-0770	6482586	1386859	9 14 65	25	14,420	513	305	1	16,470	3.7	608	11-67	34	619	24
33-78-0210	5859748	1386859	2 23 63	8	15,153	562	303	3	17,743	3.4	599	4-68	41	711	20
33-78-0720	5692690	1386859	10 27 62	23	12,370	443	225	2	16,160	3.6	586	5-67	38	783	29
33-79-0345	6363333	1352979	6 10 65	21	13,590	482	271	1	19,050	3.2	616	1-68	35	719	15
33-79-0470	5948574	1414917	9 28 63	27	16,580	607	213	3	19,933	3.8	751	12-67	41	592	24
33-85-0343	5651231	1385036	8 28 62	12	14,392	526	305	4	18,247	3.2	587	4-68	43	785	12
33-85-0810	6025633	1199324	9 22 63	10	12,245	434	305	2	12,995	3.6	463	7-67	40	615	20
33-86-9110	6031327	1406520	9 21 63	17	12,085	446	304	2	17,025	3.5	594	6-67	29	761	24
33-86-9110	6031326	1406520	9 27 63	22	11,980	444	305	2	15,955	3.7	596	6-67	29	643	25
33-86-9110	6262254	1406520	11 4 64	25	11,670	428	305	1	16,850	3.7	623	8-67	23	649	24
33-86-9110	6262250	1406520	8 11 64	13	13,430	501	305	2	20,150	3.7	744	4-68	29	993	36
33-86-9110	6288050	1406520	3 13 64	19	13,320	495	305	2	18,135	3.7	671	2-68	29	761	28
33-86-9110	6288046	1406520	12 2 63	18	12,855	473	304	2	18,645	3.3	619	12-67	29	873	24
33-86-9110	6288051	1406520	4 10 64	18	13,610	506	300	2	18,240	3.4	624	2-68	29	742	21
33-86-9110	6508580	1406520	12 11 64	14	13,740	510	297	2	18,740	3.9	737	2-68	29	788	34
33-86-9141	5910099	1413083	11 19 63	23	14,590	544	305	1	21,370	3.8	815	1-67	34	586	30
33-86-9141	6145402	1428104	9 17 64	20	15,115	565	305	2	17,075	3.7	626	12-67	34	701	17
33-86-9146	6566302	1242221	11 13 65	19	13,920	533	305	1	14,140	3.8	469	10-67	32	664	19
33-86-0151	5589494	1314767	3 4 62	6	14,480	524	299	2	18,255	3.8	694	2-68	40	620	29
33-86-0153	6317663	1242221	6 23 65	17	14,520	533	305	1	15,120	3.6	544	7-67	32	700	24

TABLE 5.—HIGH-RANKING PROGENY OF DHIA SIRE: HOLSTEIN—Continued

COW'S LAST HERD CODE	COW'S REGISTRATION NO.	COW'S SIRE REGISTRATION NO.	COW'S BIRTH DATE (Mo.) (Day) (Yr.)	HERMATES			AVERAGE PRODUCTION OF COW				LAST CALVING		REPEAT- ABILITY (Pct.)	COW INDEX	
				NUM- BER	MILK (Lb.)	FAT (Lb.)	IN MILK (Days)	REC- ORDS	MILK (Lb.)	FAT (Pct.)	(Mo.) (Yr.)	CAR		MILK	FAT
33-86-9155	5989176	1330987	12 7 63	9	15,366	587	305	3	20,150	3.2	643	11-67	42	890	24
33-86-0157	5933602	1283917	11 6 63	30	12,740	452	305	2	15,650	4.0	626	11-67	40	600	18
33-86-0168	6231626	1425695	6 25 64	14	14,665	543	305	2	18,485	3.5	649	12-67	29	606	17
33-86-0280	6552870	1315578	9 22 65	16	13,380	523	305	1	19,180	3.9	739	12-67	35	741	39
33-86-0362	6262922	1294703	6 6 64	17	15,090	562	305	2	17,645	3.7	651	11-67	40	687	19
33-86-0473	6459241	1386406	1 4 65	10	13,290	497	305	1	16,530	3.5	578	10-67	35	620	21
33-86-0473	6803786	1314767	9 24 65	6	12,550	443	287	1	18,310	3.7	683	3-68	36	654	29
33-86-0541	6764792	1261857	4 18 66	12	13,370	469	286	1	16,590	3.7	618	11-67	33	636	29
33-86-0574	1373055	1373055	11 18 65	6	13,290	522	305	1	19,720	3.3	655	1-68	35	812	14
33-86-0574	5692242	1314767	1 2 62	7	12,582	472	301	4	16,765	3.8	637	12-67	44	718	30
33-86-0612	6276041	1386859	12 14 64	33	14,770	543	305	1	16,400	3.9	639	2-67	34	590	24
33-86-0612	6182669	1386859	10 18 64	33	14,440	566	305	1	17,600	3.6	632	2-68	34	678	22
33-86-0614	6123109	1329588	3 22 64	8	15,975	535	305	2	19,085	3.3	639	7-67	40	588	17
33-86-0614	5640443	1199324	6 5 62	6	15,595	516	305	2	15,745	3.7	577	8-67	40	588	24
33-86-0614	5835270	1398216	5 11 63	12	16,380	579	305	3	21,950	3.3	734	12-67	41	1031	27
33-86-0730	6392586	1417208	4 16 65	20	15,470	591	299	1	18,130	3.4	609	12-67	35	590	17
33-86-0730	6392587	1417208	5 22 65	14	14,550	564	305	1	17,750	3.5	624	9-67	35	599	20
33-86-0730	6083169	1294703	3 18 64	22	15,825	605	304	2	18,635	3.6	663	12-67	40	720	16
33-86-0841	6054091	1315578	3 18 64	11	12,730	480	305	2	16,100	4.1	661	9-67	40	622	40
33-87-0511	6396347	1386859	8 1 65	11	13,960	527	305	1	17,440	3.7	652	8-67	33	696	25
33-87-0711	6458125	1315578	5 23 64	15	13,645	524	305	2	16,980	4.0	675	12-67	40	628	37
33-87-0740	6122806	1315578	6 19 64	20	12,595	466	302	2	16,200	4.2	679	9-67	40	645	43
33-92-0942	5556116	1352979	11 27 61	29	13,900	499	305	4	18,365	3.2	596	10-67	43	831	17
33-95-0150	5828511	1249430	12 26 62	24	14,490	515	297	3	18,873	3.3	626	10-67	42	653	21
33-95-0150	6171821	1436058	12 12 64	32	15,570	549	296	2	19,995	3.3	660	3-68	30	747	21
33-95-0440	5812356	1386859	1 7 63	19	15,705	563	303	4	17,432	3.5	608	2-68	42	623	21
33-95-0440	6303697	1282185	1 10 65	9	15,100	555	305	2	19,865	3.6	711	4-68	40	616	19
33-95-0480	5617005	1217611	12 3 61	7	14,130	540	305	4	20,335	4.1	826	6-67	44	881	36
33-95-0480	5969664	1283917	11 25 63	13	16,250	641	304	3	20,053	3.3	657	12-67	42	770	4
33-95-0670	4856710	1065220	6 28 58	14	13,748	511	303	7	20,615	3.7	766	11-67	44	998	35
33-96-0140	5323645	1282185	12 3 60	8	12,885	491	305	4	17,782	3.4	597	8-67	44	706	15
33-96-0150	6024141	1385036	3 20 63	9	13,773	501	305	3	17,896	3.3	588	10-67	42	784	15
33-96-0519	6295025	1259069	10 15 62	16	16,295	583	305	2	21,545	3.4	731	2-68	40	773	20
33-96-0351	5654782	1385036	8 9 62	21	14,035	512	305	2	17,640	3.7	660	9-67	40	685	20
33-96-0351	6279775	1432745	3 22 65	15	14,850	545	305	1	20,530	3.5	728	5-67	22	646	21
33-96-0351	6337584	1432745	4 30 65	15	14,660	530	305	1	21,060	3.2	681	7-67	22	710	18
33-96-0352	6279877	1282185	2 9 64	13	15,770	554	305	2	20,750	3.4	700	10-67	40	645	18
33-96-0519	6295025	1283917	10 28 64	11	13,820	522	305	1	19,240	3.6	695	6-67	36	739	13
33-96-0672	6603479	1282185	9 30 65	7	13,130	501	305	1	20,130	3.9	791	11-67	36	644	24
33-96-0720	6476572	1386859	10 7 65	15	14,240	511	305	1	17,840	3.8	674	11-67	34	737	29
33-96-0722	6019609	1250350	1 23 64	17	14,440	522	305	2	22,770	3.5	804	8-67	32	1120	36
33-96-0722	6019605	1398733	10 10 63	16	15,085	561	305	2	19,200	3.8	720	6-67	31	593	22
33-98-9170	6036420	1385036	9 11 62	18	14,747	515	305	4	18,792	3.3	614	3-68	43	813	17
33-98-9170	6600465	1431720	11 12 64	29	13,730	480	305	1	18,890	3.2	603	12-66	33	743	12
33-98-9170	5831807	1282185	9 2 61	16	14,466	520	304	3	20,123	3.0	611	11-67	42	774	13

33-98-0182	5707143	1196645	7 29 62	26	14,810	553	166	3	20,110	3.6	731	3-68	8	42	600	18
33-98-0530	5981034	1249430	8 19 63	12	14,056	497	305	3	18,466	3.0	556	10-67		42	651	15
33-98-0548	5419753	1315578	10 25 61	6	13,880	498	305	4	17,110	4.1	695	6-67		43	678	45
33-98-0548	5467316	1315578	12 15 61	8	13,247	485	305	4	18,765	3.7	685	6-67		43	955	35
33-98-0548	6333560	1315578	11 28 64	6	14,420	500	305	1	18,230	3.6	662	4-67		35	599	35
33-98-0548	6105695	1315578	4 10 64	20	14,370	516	305	2	17,545	4.0	707	10-67		40	619	41
33-98-0615	6289762	1386859	11 9 64	15	15,410	591	305	2	17,915	3.8	689	11-67		38	707	27
33-98-0741	5811352	1385036	1 25 63	7	14,290	513	305	1	18,240	3.6	655	12-67		35	637	16
33-99-0944	6500201	1315578	10 5 65	21	15,680	588	305	1	19,620	3.6	714	11-67		35	618	34
33-99-0944	5994925	1385036	10 16 63	21	14,796	540	305	3	25,826	3.6	873	12-67		42	1601	44
34-02-0009	5880036	1258981	3 22 62	6	9,470	358	305	2	13,330	3.4	458	7-67		40	691	23
34-03-0006	5341079	1010936	12 27 60	6	15,522	563	305	5	18,612	3.9	730	7-67		44	601	32
34-03-0006	6325328	1222994	1 5 65	6	14,660	579	305	1	18,620	4.0	745	4-67		36	668	26
34-03-0009	5500106	1258981	12 30 61	18	16,940	603	289	4	18,865	3.6	679	12-66		43	603	25
34-03-0009	5736816	1225575	12 29 62	18	16,150	574	294	4	20,137	3.5	713	3-68		43	639	25
34-03-0044	5507126	1345461	10 14 61	16	15,140	531	305	4	17,867	3.5	619	5-67		40	709	24
34-03-0050	5825209	1283917	12 24 62	14	15,163	553	305	3	19,873	3.7	728	2-68		42	862	21
34-03-0050	5999254	1283917	12 24 63	14	14,795	547	305	2	20,285	3.8	774	7-67		40	882	24
34-03-0058	5938661	1426121	5 28 63	11	15,246	549	305	3	19,893	3.5	700	11-67		32	647	23
34-03-0083	5950722	1222994	7 31 63	8	14,655	546	305	2	18,640	3.6	666	9-66		40	759	25
34-03-0090	5878385	1382176	9 15 62	12	13,570	470	305	3	19,403	3.3	649	3-68		41	740	18
34-03-0090	5525031	1376695	12 3 61	16	14,150	498	305	3	17,366	3.3	581	6-67		34	580	15
34-03-0090	5333163	1368047	2 1 61	13	13,666	481	304	5	19,284	3.6	702	6-67		35	992	41
34-03-0219	6301529	1436806	1 13 65	6	13,710	499	305	1	19,970	3.3	652	9-67		23	753	19
34-03-0219	6143405	1436806	10 2 64	7	13,720	494	305	1	18,480	3.5	643	8-67		23	617	18
34-03-0259	5972965	1399433	11 19 63	14	14,205	546	302	2	18,855	3.4	649	7-67		30	778	13
34-06-0014	5494382	1258981	11 30 61	11	13,597	483	305	4	16,430	3.4	565	7-67		43	675	24
34-08-0009	5581889	1258981	12 20 61	8	14,335	583	303	4	16,607	3.8	629	1-67		43	614	21
34-08-0014	4970452	1285876	1 5 60	26	14,372	500	305	4	18,520	3.3	603	5-67		36	944	25
34-08-0025	6115655	1283917	6 20 63	12	13,350	514	305	1	18,900	3.7	698	11-67		36	746	14
34-08-0056	5987898	1380164	2 28 63	10	13,260	451	305	3	17,120	3.5	599	7-67		35	632	26
34-08-0079	5395740	1258981	6 15 61	11	17,535	652	305	4	22,727	3.1	715	3-67		43	1017	24
34-08-0079	5395739	1258981	4 21 61	8	16,730	617	305	4	20,035	4.2	846	7-67		43	772	44
34-08-0609	6145313	1365400	8 25 64	14	11,850	431	305	1	17,040	3.5	599	8-67		26	604	17
34-09-0012	5866559	1259069	4 12 63	12	14,586	494	305	3	17,856	3.6	651	11-67		42	592	22
34-09-0012	5866560	1259069	4 20 63	12	14,313	484	305	3	17,746	3.7	660	12-67		42	608	24
34-11-0061	5971267	1417301	8 31 63	5	14,993	537	305	3	21,113	3.1	661	3-68		32	892	18
34-11-0086	5800264	1387841	1 18 63	18	18,710	642	305	3	22,746	3.4	774	1-68		32	696	23
34-11-0115	6051181	1283917	10 13 63	19	14,776	540	301	3	18,990	3.3	619	12-67		42	800	10
34-11-0188	5885786	1383597	6 21 63	11	15,510	560	305	2	23,235	3.7	869	9-67		31	902	39
34-12-0070	6250863	1199324	5 11 63	8	14,860	547	305	3	18,390	3.8	692	5-67		42	955	34
34-13-0022	5780196	1199324	12 2 62	19	17,043	628	302	3	22,713	3.6	827	10-67		42	1226	41
34-13-0046	5069250	1285876	2 15 60	19	15,628	584	301	5	18,640	3.4	640	11-66		37	813	19
34-13-0074	5887760	1354925	12 10 62	21	13,000	478	305	2	17,900	3.3	590	12-67		34	647	16
34-13-0090	6014977	1383468	7 10 63	19	12,205	452	305	2	17,215	3.3	563	5-67		38	818	15

TABLE 5.—HIGH-RANKING PROGENY OF DHIA SIRE: HOLSTEIN—Continued

COW'S LAST HERD CODE	COW'S REGISTRATION NO.	COW'S SIRE REGISTRATION NO.	COW'S BIRTH DATE (Mo.) (Day) (Yr.)	HERDMATES			AVERAGE PRODUCTION OF COW				LAST CALVING		REPEAT- ABILITY (Pct.)		COW INDEX	
				NUM- BER	MILK (Lb.)	FAT (Lb.)	IN MILK (Days)	REC- ORDS	MILK (Lb.)	FAT (Pct.)	(Mo.) (Yr.)	CAR			MILK	FAT
34-13-0153	6011969	1199324	10 18 63	10	16,403	583	305	3	20,866	3.4	11-67		42		1080	33
34-13-0163	6544243	1445295	7 26 65	37	14,330	538	305	3	18,560	3.8	10-67		22		595	25
34-13-0263	5768590	1283917	1 14 63	8	17,610	570	305	3	21,836	3.0	6-67		42		834	11
34-18-0002	6284498	1330987	1 28 65	35	13,830	520	305	1	17,190	3.8	4-67		36		602	28
34-18-0002	6267325	1330987	9 19 64	22	14,985	569	305	2	17,720	3.8	2-68		40		590	28
34-19-0004	4969193	1307678	11 6 59	13	14,910	532	305	5	18,518	3.5	11-67		38		739	25
34-19-0018	4628108	1285676	7 22 58	61	15,905	582	295	6	18,145	3.6	3-67		37		705	23
34-19-0018	5525028	1376695	10 15 61	195	15,070	541	228	3	18,976	3.3	7-67	8	34		683	16
34-19-0018	5299286	1330478	3 17 61	113	14,126	526	305	3	19,550	3.5	11-67		33		788	22
34-19-0018	6309410	1415405	6 18 63	176	15,466	572	302	3	20,126	3.2	9-67		42		833	15
34-19-0018	5731052	1395826	9 1 62	410	13,837	498	302	4	17,757	3.2	11-67		37		758	13
34-19-0018	5720732	1396953	8 19 62	357	14,263	513	303	3	19,580	3.1	1-68		32		860	15
34-19-0018	6015916	1413165	9 9 63	92	15,690	591	233	3	19,533	3.9	3-68		36		766	26
34-19-0018	5943193	1395826	8 20 63	304	14,520	522	305	3	18,266	3.6	1-68		36		717	20
34-19-0018	5943196	1395826	10 12 63	524	13,570	492	305	1	20,640	4.4	6-67		28		848	39
34-19-0018	5916378	1395826	9 16 63	485	13,970	496	305	2	19,140	3.5	6-67		34		826	24
34-19-0025	5695728	1222994	10 14 62	12	16,673	588	305	3	19,543	3.4	5-67		42		698	21
34-19-0027	6159691	1412398	3 3 64	11	13,970	507	297	2	18,755	3.3	7-67		29		719	17
34-19-0027	6226553	1412398	6 22 64	7	14,365	509	304	2	20,000	3.2	12-67		29		826	19
34-19-0049	4896760	1087974	9 20 58	11	14,164	514	304	7	16,598	3.9	12-67		44		661	30
34-19-0049	4895496	1087974	9 20 58	10	13,434	493	304	7	15,978	3.5	10-67		44		666	21
34-19-0078	5872928	1301486	7 10 63	18	14,610	460	305	3	19,150	3.0	9-67		42		654	16
34-19-0083	5629635	1258981	5 2 62	23	16,165	565	300	4	19,500	3.6	8-67		43		769	32
34-19-0083	6359169	1415455	5 20 65	26	16,010	586	305	1	21,400	3.6	6-67		28		772	34
34-19-0083	6359175	1239242	7 27 65	29	18,270	651	305	1	22,210	3.6	11-67		36		636	22
34-19-0170	5851706	1244009	6 25 63	9	16,916	587	296	3	19,670	3.3	12-67		42		745	17
34-19-0218	5882265	1222994	2 4 63	8	15,080	568	299	3	18,886	3.6	9-66		42		787	25
34-23-0006	5632275	1383468	3 15 62	10	13,490	489	305	3	21,360	3.2	7-67		41		1230	27
34-23-0096	5556782	1258981	11 20 61	41	16,350	555	297	3	18,836	3.1	6-67		42		651	19
34-23-0096	5526380	1342846	9 19 61	20	15,096	523	284	5	20,678	3.3	10-67		36		884	25
34-23-0131	6159587	1199324	7 10 64	21	13,060	444	305	1	13,850	3.7	8-67		36		642	24
34-23-0204	4792618	1013415	9 1 58	7	15,622	554	305	5	20,754	3.3	10-67		44		764	17
34-23-0204	5656641	1299262	8 13 62	6	15,492	564	300	4	20,292	3.5	12-67		33		734	24
34-23-0642	6563001	1331709	7 16 65	6	16,400	597	298	1	20,940	3.7	2-68		34		738	20
34-25-0036	4570404	1087974	4 10 58	33	13,458	474	304	7	17,570	4.2	3-68		44		869	47
34-25-0036	6452310	1222994	5 20 65	21	11,520	413	305	1	15,380	3.3	8-67		36		637	20
34-25-0036	6452312	1446093	6 23 65	36	10,940	387	305	1	17,490	3.6	10-67		26		598	23
34-25-0036	6452320	1239242	9 9 65	38	14,410	501	305	1	19,810	3.4	2-68		36		716	23
34-25-0059	6452596	1441200	6 14 65	46	16,140	583	305	1	20,550	3.6	6-67		23		593	20
34-25-0059	6270471	1441200	2 4 64	36	15,780	571	305	2	19,260	3.6	8-67		29		607	19
34-25-0059	6296488	1441200	4 21 64	41	15,845	572	305	2	19,365	3.7	7-67		29		612	22
34-25-0084	5660888	1199324	5 18 62	16	15,070	532	304	4	18,130	3.4	9-67		44		918	28
34-25-0084	5978020	1283917	8 18 63	25	15,660	531	305	3	19,303	3.0	3-68		42		745	5
34-29-0008	6092397	1345461	6 19 64	14	13,430	486	305	2	17,230	3.5	10-67		36		802	28
34-29-0036	5712517	1383468	9 11 62	30	14,965	549	305	4	18,590	3.3	12-67		42		754	12

34-30-0004	5681879	1308101	11 10 62	19 15,100	574	305	3	21,700	3.5	752	9-67	41	1335	38
34-30-0004	5655792	1308101	7 24 62	14 15,995	601	303	4	18,600	3.8	701	11-67	42	894	30
34-30-0004	5655793	1308101	10 13 62	8 16,363	637	305	3	20,146	4.0	810	4-67	41	970	38
34-30-0004	5578664	1199324	4 16 62	10 16,787	643	299	4	18,535	3.9	719	7-67	44	778	28
34-30-0004	6209944	1308101	8 14 64	25 16,585	618	301	2	16,475	3.8	620	11-67	39	587	19
34-30-0004	6319872	1308101	2 1 65	14 17,200	672	301	2	19,860	3.6	713	2-68	39	792	21
34-30-0004	4899044	1308101	3 15 59	8 16,011	612	283	7	16,591	3.7	619	5-67	43	580	17
34-30-0004	4899041	1308101	2 15 59	6 16,147	607	296	7	17,258	4.0	686	8-67	43	707	28
34-30-0004	5192498	1308101	9 25 60	13 16,490	628	297	6	18,328	3.4	629	12-67	43	724	16
34-30-0004	5083581	1308101	4 5 60	8 16,465	636	300	6	21,186	3.9	828	3-68	43	1103	41
34-30-0004	5192499	1308101	10 22 60	7 16,250	640	293	6	20,620	4.2	869	3-68	43	1054	46
34-30-0004	5192496	1308101	9 8 60	13 16,433	626	305	6	21,253	3.9	822	10-67	43	1198	43
34-30-0048	5501587	1329210	9 8 61	27 15,645	575	305	4	20,690	3.2	665	11-67	35	750	14
34-30-0048	5862830	1352991	5 12 63	27 16,443	607	305	3	18,530	3.5	649	8-67	37	853	20
34-30-0048	5815536	1390540	9 22 62	23 16,415	605	305	4	20,465	3.9	788	8-67	37	649	38
34-30-0051	6606366	1426616	11 29 65	29 16,780	614	305	1	22,090	3.5	775	3-68	26	778	31
34-30-0051	5192494	1308101	7 15 60	23 16,001	593	295	6	17,880	3.5	628	1-68	43	723	20
34-30-0051	5455876	1344455	10 23 61	27 15,500	551	298	2	19,745	3.7	730	2-68	31	719	30
34-30-0051	6385097	1426616	2 2 65	37 14,620	523	305	1	21,660	3.6	780	5-67	25	871	38
34-30-0180	5944430	1244009	5 27 63	16 15,166	543	305	3	18,053	3.5	634	10-67	42	741	20
34-30-0202	6145784	1313490	9 17 64	7 13,510	500	305	2	18,980	3.5	657	2-68	40	771	20
34-32-0019	5954849	1408278	6 19 63	19 14,953	531	302	3	21,006	3.0	639	8-67	34	923	14
34-32-0019	6496495	1336050	12 26 65	13 16,220	578	305	1	21,920	3.3	729	1-68	33	809	26
34-32-0019	6496494	1336050	12 22 65	13 16,220	578	305	1	19,670	3.4	664	1-68	33	631	21
34-32-0019	6496496	1336050	1 7 66	13 15,700	565	305	1	18,900	3.3	626	2-68	33	607	19
34-32-0037	6813268	1402662	6 29 65	10 13,680	475	305	1	20,440	3.1	627	9-67	26	776	15
34-32-0050	6413459	1398216	2 20 65	17 16,200	556	305	2	19,505	3.5	691	2-68	39	692	22
34-32-0050	5999320	1415027	7 5 63	16 15,983	555	300	3	20,606	3.4	703	1-68	32	621	20
34-32-0067	6098900	1421489	9 23 63	14 14,400	540	305	2	19,425	3.4	655	5-67	29	754	17
34-32-0102	6500464	1336050	11 7 65	12 16,360	582	305	1	20,110	3.5	699	3-68	33	656	23
34-32-0102	4996341	1329210	10 12 59	17 16,708	620	305	5	21,796	3.6	784	12-67	36	804	27
34-32-0132	5582926	1258981	9 18 61	18 13,084	451	289	5	15,876	3.7	583	8-67	44	675	30
34-33-0011	6648931	1290181	9 17 65	13 13,710	490	305	1	20,690	3.2	671	2-68	35	640	20
34-33-0019	6451999	1336050	11 11 65	34 15,370	555	305	1	18,910	3.5	658	1-68	33	632	22
34-33-0019	5935924	1418199	11 15 63	37 14,816	534	303	3	19,413	3.6	703	11-67	32	688	27
34-33-0021	6023889	1244009	2 14 64	16 15,660	556	305	2	18,440	3.5	643	8-67	40	708	19
34-33-0057	5902295	1393607	10 6 63	8 15,946	580	305	3	20,323	3.8	766	3-68	32	751	29
34-33-0057	6134925	1393607	4 28 64	16 15,565	599	305	2	19,975	3.5	694	10-67	29	685	15
34-33-0057	6393705	1330987	10 10 65	26 15,700	599	305	1	19,370	3.7	714	12-67	36	607	27
34-33-0068	6405501	1406271	9 1 65	17 15,390	548	305	1	19,040	3.2	616	2-68	35	782	28
34-33-0121	6601412	1406271	1 9 66	10 13,060	476	305	1	15,090	3.5	530	1-68	35	642	27
34-33-0121	6601406	1225575	9 21 64	20 13,470	480	289	2	19,155	3.5	666	9-67	40	696	26
34-33-0125	6519418	1406271	10 4 65	64 13,940	501	305	1	15,410	3.8	580	8-67	35	620	29
34-33-0160	4807772	1261857	12 16 58	44 14,988	557	305	6	18,720	3.9	729	6-67	42	794	40
34-33-0175	5114956	1319457	3 16 60	8 15,482	556	305	5	18,080	3.7	665	11-67	37	660	22

TABLE 5.—HIGH-RANKING PROGENY OF DHIA Sires: HOLSTEIN—Continued

COW'S LAST HERD CODE	COW'S REGISTRATION NO.	COW'S SIRE REGISTRATION NO.	COW'S BIRTH DATE (Mo.) (Day) (Yr.)	HERDMATES			AVERAGE PRODUCTION OF COW				LAST CALVING		REPEAT- ABILITY (Pct.)	COW INDEX	
				NUM- BER	MILK (Lb.)	FAT (Lb.)	IN MILK (Days)	REC- ORDS	MILK (Lb.)	FAT (Pct.)	(Mo.) (Yr.)	CAR		MILK	FAT
34-33-0182	6356276	1444983	9 18 63	24	13,485	485	305	2	18,650	3.4	7-67		28	652	20
34-33-0232	5830776	1087974	7 25 61	13	13,490	483	305	4	19,307	3.6	3-68		44	1062	40
34-33-0251	5825944	1148993	9 1 62	10	12,620	500	305	3	16,240	3.5	7-67		41	607	18
34-33-0251	5960344	1148993	7 29 63	7	13,880	533	287	2	18,520	3.7	3-68		39	687	26
34-33-0251	6089123	1148993	12 24 63	9	14,230	544	305	2	19,115	4.4	1-68		39	715	42
34-33-0280	5572213	1092490	8 26 60	13	13,945	500	305	6	17,966	3.8	2-68		44	635	21
34-33-0707	6075898	2335280	10 5 60	25	14,030	512	305	2	19,995	3.5	6-67		40	669	18
34-34-0011	6354647	1330987	2 3 65	8	16,740	606	305	1	23,140	3.0	11-67		36	850	26
34-34-0014	6016488	1258981	2 21 62	6	15,296	556	305	3	19,460	3.8	6-67		42	834	36
34-34-0014	5902473	1087974	3 1 61	6	16,300	608	302	4	18,315	3.6	3-68		44	627	20
34-34-0058	5979305	1325241	12 6 63	18	16,853	602	305	3	19,053	3.7	1-68		34	655	24
34-34-0058	5615427	1325241	2 25 62	18	16,490	578	304	4	23,185	3.6	832	10-67	35	1303	46
34-34-0058	5839670	1325241	4 16 63	18	15,813	555	305	3	19,106	3.5	7-67		34	786	26
34-34-0058	5161576	1325241	8 22 60	18	16,452	581	296	5	21,120	3.4	726	10-67	36	1037	31
34-34-0058	6145312	1365400	8 5 64	22	17,200	611	305	2	22,005	3.6	801	12-67	32	753	26
34-34-0581	6178363	1434538	9 2 64	19	12,390	465	305	1	18,800	3.6	7-67		23	655	21
34-37-0004	5619657	1366074	7 18 62	20	15,320	570	293	4	18,737	3.6	680	12-67	35	640	23
34-37-0004	5677864	1366074	9 4 62	15	15,375	566	305	4	19,482	3.6	694	12-67	35	740	25
34-37-0004	5677875	1366074	11 14 62	17	15,455	570	303	4	20,032	3.7	744	12-67	35	808	32
34-37-0018	5756157	1387140	9 21 62	22	13,887	502	296	4	17,555	3.6	633	11-67	34	632	23
34-37-0018	5953932	1387140	9 13 63	22	13,753	501	305	3	17,866	3.5	629	11-67	32	657	21
34-37-0018	6268450	1387140	9 12 64	24	13,575	491	305	2	18,540	3.8	696	9-67	29	697	28
34-37-0062	5947149	1087974	10 1 62	17	15,510	573	305	3	21,956	3.7	809	10-67	42	1117	41
34-37-0062	5986350	1259069	8 15 63	16	15,036	556	293	3	18,590	3.7	679	10-67	42	630	19
34-37-0074	6301577	1386406	3 27 65	19	14,360	522	305	1	17,800	3.5	629	8-67	35	643	24
34-37-0216	6430631	1330987	7 30 65	7	14,150	512	305	1	18,280	3.6	654	1-68	36	629	28
34-38-0064	5845525	1383468	11 30 62	20	14,666	520	305	3	19,513	3.4	655	10-67	41	882	19
34-38-0076	6453512	1365400	1 16 66	48	12,960	471	305	1	20,660	3.2	653	4-68	26	830	18
34-38-0076	6372425	1420155	8 12 65	45	13,080	478	305	1	22,950	3.1	720	4-68	24	1048	25
34-38-0076	6087871	1420155	4 16 64	74	12,460	467	305	2	18,000	3.3	591	1-68	29	803	18
34-38-0076	6087876	1420155	5 5 64	76	12,550	473	305	2	17,785	3.4	601	11-67	29	768	19
34-38-0076	6087872	1420155	4 20 64	91	12,990	484	305	1	20,180	3.5	712	9-67	24	808	24
34-38-0076	6055893	1420155	4 7 64	83	12,205	460	305	2	17,875	3.6	649	10-67	29	816	26
34-38-0076	6055898	1420155	4 20 64	83	12,185	457	305	2	16,125	3.5	557	8-67	29	609	15
34-38-0076	6118792	1420155	7 29 64	81	12,910	478	293	2	16,845	3.5	584	11-67	29	617	16
34-38-0076	6104391	1420155	7 21 64	80	12,715	477	305	2	17,460	3.4	587	12-67	29	711	17
34-38-0121	5784974	1313490	10 24 62	13	14,273	535	305	3	20,153	3.7	749	7-67	42	899	29
34-38-0213	5712860	1330248	7 1 62	22	11,700	409	305	3	15,450	3.2	501	1-68	32	672	19
34-38-0213	5418949	1330248	3 14 61	22	12,297	431	293	4	16,215	3.3	527	11-67	34	735	20
34-39-0311	6108506	1294703	7 23 64	9	12,690	432	305	1	15,750	3.5	549	9-67	35	661	19
34-41-0043	6305768	1199324	1 1 65	13	15,470	589	305	1	18,720	3.7	700	8-67	36	844	28
34-41-0056	6132763	1244009	8 17 64	13	14,010	496	305	1	18,010	3.4	617	8-67	36	733	19
34-41-0068	6612254	1336050	5 2 66	12	15,360	599	305	1	18,890	3.7	692	3-68	33	631	21
34-41-0177	6228148	1222994	9 30 64	8	15,150	515	305	1	17,970	3.1	555	5-67	36	587	16
34-41-0177	6450123	1244009	9 5 65	11	14,410	500	305	1	23,990	3.2	777	10-67	36	1151	30

34-41-0206	6004105	1239242	9	2	63	9	13,053	532	302	3	16,293	4.2	681	8-67	42	645	27
34-41-0208	5374936	1325241	7	7	61	13	15,930	582	291	1	20,020	3.4	685	3-68	26	741	19
34-41-0208	6222532	1415806	8	9	63	16	18,006	689	305	3	23,256	3.2	752	12-67	37	784	12
34-41-0208	6122831	1383468	3	31	64	10	16,760	624	305	1	22,090	3.5	777	9-66	34	764	16
34-41-0208	5839671	1325241	4	24	63	15	15,290	584	305	1	19,490	3.4	662	9-67	26	745	17
34-41-0208	6376356	1436806	11	4	64	14	14,390	539	305	1	19,310	3.7	724	7-67	23	637	22
34-44-0003	6107987	1330987	3	1	64	8	14,245	518	305	2	18,405	4.0	739	8-67	40	727	39
34-44-0016	5878126	1383468	4	4	63	15	14,130	487	285	2	18,860	3.1	594	2-68	38	809	15
34-44-0086	5705685	1361532	11	21	62	14	14,852	542	289	4	18,730	3.4	638	11-67	34	654	16
34-44-0119	5694225	1383004	8	31	62	75	16,815	611	305	2	23,850	3.8	917	5-67	39	845	50
34-44-0119	6102760	1428146	2	28	64	63	16,635	621	305	2	20,135	3.8	770	9-67	30	723	26
34-44-0119	6293947	1279293	8	26	64	80	15,955	615	305	2	19,440	3.7	718	11-67	32	593	21
34-44-0119	6293946	1279293	8	25	64	89	16,040	610	305	2	20,055	3.7	750	12-67	32	655	26
34-44-0119	6293961	1279293	1	1	65	96	16,285	613	305	2	19,995	3.3	668	1-68	32	623	16
34-44-0119	6293959	1279293	12	4	64	90	16,325	611	305	2	20,515	3.7	760	2-68	32	679	27
34-44-0119	6476448	1428146	9	10	65	42	15,480	609	305	1	18,910	3.6	688	11-67	24	612	15
34-44-0142	5602299	1199324	2	17	62	13	15,085	530	305	4	19,137	3.5	668	8-67	44	1041	34
34-44-0142	5633075	1199324	5	28	62	18	14,657	525	300	4	16,102	3.3	538	6-67	44	714	18
34-46-0005	6397154	1330987	12	21	64	44	13,880	481	305	1	18,390	3.7	673	9-67	36	688	33
34-46-0011	5002617	1299481	11	4	59	21	15,083	536	304	6	20,780	3.2	675	2-68	36	938	26
34-46-0011	4837705	1299481	9	6	58	21	15,615	567	305	7	21,855	3.8	835	10-67	36	1026	45
34-46-0011	6348149	1261857	1	5	65	40	15,040	571	305	1	19,700	4.3	853	8-67	33	691	40
34-46-0067	6343371	1430502	12	9	64	24	11,880	420	304	2	17,940	3.5	625	4-68	29	859	30
34-46-0067	6360804	1430502	2	27	65	18	10,870	365	298	1	15,770	3.8	607	11-67	23	727	33
34-46-0067	6444759	1430502	7	24	65	27	11,090	368	298	1	16,100	3.6	581	9-67	23	739	31
34-46-0067	6207839	1430502	10	29	64	23	12,380	430	305	1	16,980	3.9	654	3-67	23	713	32
34-46-0190	6534846	1376695	1	22	66	20	14,800	503	305	1	19,620	3.5	682	1-68	26	598	19
34-46-0213	5599548	1382175	1	25	62	13	14,590	518	305	3	19,580	3.2	629	8-67	33	695	16
34-46-0213	5811924	1199324	11	1	62	12	14,583	529	305	3	20,000	3.7	739	11-67	42	1169	41
34-46-0223	5158520	1199324	9	28	60	10	14,026	474	305	3	16,306	3.3	538	7-67	42	802	24
34-46-0231	5638591	1258981	10	4	61	20	12,106	424	297	3	14,736	3.3	486	10-66	42	618	20
34-47-0024	5935704	1301486	8	21	63	33	14,515	526	305	2	21,075	3.2	679	10-67	40	796	19
34-47-0025	6275245	1199324	1	15	64	13	14,485	535	305	2	15,660	3.5	545	10-67	40	681	19
34-47-0055	6358327	1294703	9	13	64	11	13,660	489	305	1	18,730	3.5	660	10-67	35	820	23
34-47-0055	6326935	1294703	8	13	64	11	13,220	480	305	1	18,260	3.3	594	8-67	35	814	19
34-47-0055	5906946	1383010	9	21	62	5	13,603	512	279	3	17,870	3.4	608	3-68	33	673	17
34-47-0135	5898733	1400256	10	28	63	7	14,950	547	301	2	18,780	3.3	622	5-67	29	688	15
34-47-0135	6015952	1400256	1	23	64	7	14,950	547	300	2	18,985	3.7	710	5-67	29	710	25
34-47-0135	6015953	1400256	2	11	64	6	15,870	587	305	2	19,105	3.5	660	2-68	29	595	15
34-49-0004	5969403	1382176	12	15	63	28	13,025	478	305	2	18,820	3.7	705	9-67	38	688	22
34-49-0005	5470613	1258981	12	13	61	25	13,953	501	300	3	17,126	4.1	694	10-66	42	703	36
34-49-0005	6369502	1419017	4	19	64	22	15,450	579	305	1	20,710	3.7	767	10-67	23	657	23
34-49-0005	5750859	1308101	3	7	63	19	15,800	580	305	4	17,295	3.5	601	4-68	42	667	18
34-53-0010	5434888	1258981	11	13	61	32	14,950	567	289	3	20,890	3.5	735	11-66	42	1037	34
34-53-0030	6034034	1225575	1	2	64	17	15,170	557	305	2	20,620	3.5	719	7-67	40	690	24

TABLE 5.—HIGH-RANKING PROGENY OF DHIA SIRES: HOLSTEIN—Continued

COW'S LAST HERD CODE	COW'S REGISTRATION NO.	COW'S SIRE REGISTRATION NO.	COW'S BIRTH DATE (Mo.) (Day) (Yr.)	HERDMATES			AVERAGE PRODUCTION OF COW				LAST CALVING		REPEAT- ABILITY (P _{CL})		COW INDEX	
				NUM- BER	MILK (Lb.)	FAT (Lb.)	IN MILK (Days)	REC- ORDS	MILK (Lb.)	FAT (Pct.)	(Mo.) (Yr.)	CAR			MILK	FAT
34-54-0006	6361731	1375956	9 30 63	28	14,403	505	305	3	20,610	3.2	10-67		32		1004	27
34-55-0024	6245129	1397209	10 16 64	29	14,230	525	305	1	15,650	3.6	6-67		35		602	18
34-55-0024	5526998	1301736	9 25 61	24	13,602	503	305	5	18,026	3.5	2-68		39		774	19
34-55-0043	6163951	1397209	6 10 64	5	16,530	585	305	2	17,635	3.4	1-68		39		585	16
34-56-0011	6119776	1272425	3 20 64	9	15,890	547	305	2	21,450	3.1	12-67		34		908	24
34-56-0018	5593183	1272425	11 10 61	6	15,630	568	305	3	20,230	3.3	8-67		37		859	22
34-57-0004	5641191	1258981	10 5 61	15	15,942	556	298	4	18,222	3.4	2-67		43		635	23
34-57-0004	5893224	1258981	4 9 62	20	15,963	563	305	3	18,430	3.2	2-67		42		644	19
34-57-0012	6324831	1301486	9 29 63	8	17,010	610	305	2	21,760	3.3	8-67		40		637	16
34-57-0017	5835041	1301486	6 20 61	9	16,330	604	305	2	22,400	3.6	2-68		40		765	25
34-58-0035	6386565	1426451	7 18 65	15	15,050	518	305	1	20,460	3.3	3-68		33		668	16
34-58-0035	6486022	1336050	12 20 65	19	14,580	493	293	1	17,550	3.4	2-68		33		580	22
34-58-0064	5606796	1258981	3 26 62	24	12,943	458	305	3	15,833	3.5	9-66		42		658	26
34-59-0013	5664211	1375151	10 15 62	6	14,570	520	304	4	17,200	3.5	12-67		36		585	21
34-59-0287	5955435	1294703	12 6 63	12	14,330	531	305	1	19,260	3.4	5-67		35		814	19
34-59-0287	6058196	1294703	1 2 64	12	14,570	533	305	1	17,480	3.5	6-67		35		664	16
34-59-0287	6148533	1329588	9 15 64	8	15,930	581	305	2	19,715	3.6	11-67		40		656	20
34-61-0001	5812154	1372183	12 8 62	20	14,640	550	305	3	19,826	3.2	6-67		32		848	15
34-61-0005	4900693	1087974	5 8 59	13	15,362	565	305	5	17,560	3.9	8-67		44		647	29
34-61-0051	6397897	1330987	1 16 64	18	13,395	483	305	2	16,830	3.7	12-67		40		644	31
34-61-0052	5727613	1259069	9 24 62	11	14,342	525	301	4	19,107	3.6	10-67		44		797	23
34-63-0004	5844787	1144239	8 14 62	26	14,927	523	302	4	21,347	3.2	9-67		44		806	15
34-63-0016	5800109	1399654	3 18 63	28	15,076	538	301	3	18,266	3.8	9-67		33		729	33
34-63-0016	5873413	1399654	8 3 63	19	15,535	560	305	2	19,475	3.4	1-68		30		788	27
34-63-0016	6037610	1399654	3 20 64	13	16,810	611	305	2	20,315	3.9	12-67		30		752	36
34-63-0016	5954438	1413165	8 16 63	12	17,115	633	305	2	22,020	3.3	4-67		31		785	13
34-63-0016	5904480	1399654	9 4 63	17	16,960	616	305	3	26,026	3.4	1-68		33		1542	51
34-63-0044	5763557	1301486	12 26 62	9	12,970	465	305	3	18,423	3.3	3-68		42		742	20
34-63-0048	5863867	1258981	4 2 62	11	15,620	580	305	3	20,823	4.4	5-67		42		959	54
34-63-0078	5444356	1258981	10 24 61	11	17,707	450	301	4	18,225	3.3	11-66		43		998	33
34-63-0133	5455936	1199324	7 17 61	14	14,445	521	296	2	17,430	3.3	5-67		40		864	24
34-67-0267	6576310	1199324	8 4 64	9	14,880	534	305	1	19,130	3.5	6-67		36		914	29
34-67-0267	5997544	1330987	2 4 63	13	15,300	530	305	2	22,950	3.2	11-67		40		1089	37
34-68-0041	5343246	1307678	12 26 60	9	12,900	480	305	1	17,050	3.7	8-67		27		580	21
34-70-0002	5941537	1301736	7 2 63	32	16,470	578	305	2	23,005	3.4	10-67		34		923	24
34-70-0002	5739677	1301736	11 10 62	24	17,302	625	304	4	22,210	3.3	12-67		38		864	16
34-70-0002	5739683	1340669	1 12 63	41	16,900	584	305	3	22,880	3.3	11-67		42		989	22
34-70-0088	6474981	1239242	9 7 65	7	15,970	589	305	1	23,350	3.5	3-68		36		876	28
34-70-0123	5340996	1150470	2 9 61	15	16,702	619	305	4	23,937	3.5	3-67		34		906	28
34-70-0123	5836898	1385871	4 12 63	8	16,316	613	305	3	20,526	3.5	7-67		32		746	22
34-70-0123	6145684	1367170	6 17 64	10	16,345	605	305	2	22,620	3.4	11-67		32		786	22
34-70-0132	5911172	1244009	9 5 63	17	16,106	583	299	3	18,300	3.7	12-67		42		672	20
34-70-0528	6081336	1397209	6 8 64	12	16,545	640	305	2	17,690	3.7	7-67		39		608	18
34-70-0528	6081335	1397209	2 29 64	12	15,940	600	305	2	18,230	3.9	7-67		38		683	25
34-70-0528	6436840	1306247	9 10 65	13	17,500	683	305	1	17,110	3.9	7-67		33		725	23

34-74-0030	5528574	1259881	10	1	61	16	13,862	509	305	4	17,180	4.0	683	9-67	43	738	36
34-74-0076	6248222	1345461	5	14	64	13	11,750	419	305	2	14,870	3.2	474	7-67	36	668	18
34-74-0145	5483308	1258981	11	5	61	16	13,132	478	305	4	18,470	3.5	639	8-67	43	981	34
34-74-0312	5895195	1276654	8	19	63	13	17,225	616	305	2	21,755	3.3	728	6-67	40	650	17
34-74-0342	6275493	1199324	3	9	64	23	11,320	388	305	1	12,690	3.5	440	7-67	36	673	22
34-74-0361	5461216	1154946	7	23	61	12	15,080	517	305	2	21,005	3.1	645	11-67	40	821	17
34-74-0413	6357951	1345461	7	22	65	12	13,000	488	305	1	15,680	3.5	541	7-67	31	587	18
34-76-0005	5413338	1272425	10	6	61	48	14,037	509	302	4	16,957	3.4	572	1-68	38	645	17
34-76-0005	6145688	1385871	3	13	64	29	12,790	489	305	1	18,340	4.0	726	5-67	24	647	27
34-76-0019	6427475	1354925	8	6	65	6	15,280	573	305	1	21,530	3.5	744	2-68	28	647	19
34-76-0019	6427476	1239242	8	10	65	11	15,860	602	305	1	19,680	3.5	688	12-67	36	609	17
34-76-0047	6057709	1199324	2	16	64	8	14,060	502	305	2	18,650	3.5	651	10-67	40	1023	33
34-76-0057	5221388	1215957	10	14	60	8	15,620	571	305	4	19,370	3.7	720	4-67	37	585	24
34-76-0127	6200200	1329588	9	14	64	25	13,030	484	305	1	18,080	3.7	661	6-67	36	636	20
34-76-0140	6415692	1406271	9	2	65	15	14,740	587	305	1	17,260	4.0	691	9-67	35	705	32
34-76-0140	6363027	1406271	7	15	65	15	14,740	587	305	1	17,200	3.8	661	9-67	35	700	30
34-77-0005	5833355	1330987	4	5	63	7	11,956	450	305	3	16,433	3.7	600	7-67	42	815	34
34-77-0011	6121085	1405238	8	16	64	22	13,255	495	305	2	17,785	3.5	621	10-67	30	618	19
34-77-0018	5473741	1199324	9	25	61	10	14,895	553	305	4	19,242	3.5	679	8-67	44	1075	33
34-77-0091	6348196	1386406	4	24	65	9	16,795	620	304	2	24,005	3.9	929	2-68	40	1121	47
34-77-0172	6739294	1345461	7	11	65	47	11,800	434	305	1	16,800	3.6	599	9-67	32	808	28
34-77-0185	6063246	1301486	11	18	63	43	13,850	485	305	2	19,610	3.4	673	3-68	40	708	22
34-78-0001	6462431	1336050	11	13	65	8	14,910	519	305	1	18,420	3.4	631	2-68	33	626	22
34-78-0068	6343372	1430502	2	17	65	16	14,170	505	305	1	20,190	3.4	687	5-67	23	858	29
34-79-0041	5868059	1199324	3	20	63	18	12,015	469	305	2	13,370	3.9	528	11-67	40	674	23
34-79-0102	5690412	1330987	9	20	62	36	14,016	493	305	3	18,666	3.7	697	9-67	42	859	40
34-79-0102	5455935	1199324	7	9	61	29	14,750	513	305	4	17,002	3.8	642	2-67	44	815	33
34-79-0767	5484333	1258981	1	21	62	16	14,490	511	305	3	17,040	3.6	608	10-66	42	637	25
34-80-0051	6402233	1291498	7	16	65	12	12,860	441	305	1	18,100	3.3	596	4-67	35	596	15
34-80-0074	6308452	1421180	1	19	65	9	14,660	497	305	1	20,900	3.6	747	7-67	22	641	24
34-80-0252	6071123	1431720	3	25	64	20	15,975	575	281	2	22,390	3.9	877	7-67	38	1020	35
34-81-0001	6160721	1225575	7	17	64	51	13,595	478	305	2	18,790	3.3	628	10-67	40	648	22
34-81-0012	5990088	1382176	9	7	63	15	13,786	498	305	3	19,960	3.4	674	1-68	41	782	18
34-81-0074	5933345	1283917	10	15	63	26	15,015	547	305	2	20,455	3.5	712	10-67	40	879	18
34-84-0001	6074858	1390540	4	18	64	7	15,225	579	305	2	19,640	4.0	783	10-67	34	604	37
35-01-0002	6415707	1383926	10	8	64	17	14,915	546	298	2	17,810	3.9	697	3-68	39	597	32
35-01-0002	6431468	1306247	9	18	65	9	15,690	551	305	1	16,940	3.5	585	1-68	34	701	20
35-01-0010	6209212	1373055	9	25	64	9	14,335	538	305	2	19,460	3.4	668	10-67	40	839	18
35-01-0010	5936776	1386406	10	5	63	13	15,050	555	305	3	19,616	3.3	648	12-67	42	890	25
35-01-0010	5733202	1386406	1	1	63	7	14,056	525	305	3	17,380	3.5	604	10-67	42	734	23
35-01-0011	5966961	1340669	6	21	63	21	13,473	509	297	3	18,000	3.3	591	9-67	42	782	9
35-01-0011	6425368	1397209	9	2	65	19	14,130	504	305	1	15,680	3.6	566	9-67	35	611	20
35-01-0012	6184538	1383926	10	22	64	12	13,580	514	305	2	17,490	3.3	580	1-68	39	727	24
35-01-0027	6441089	1330987	8	1	65	8	16,650	595	305	1	19,760	4.0	785	6-67	36	605	34
35-01-0027	6441090	1330987	8	11	65	8	16,650	595	305	1	20,570	3.1	630	6-67	36	665	22

TABLE 5.—HIGH-RANKING PROGENY OF DHIA SIRE: HOLSTEIN—Continued

COW'S LAST HERD CODE	COW'S REGISTRATION NO.	COW'S SIRE REGISTRATION NO.	COW'S BIRTH DATE (Mo.) (Day) (Yr.)	HERDMATES			AVERAGE PRODUCTION OF COW				LAST CALVING		COW INDEX	
				NUM- BER	MILK (Lb.)	FAT (Lb.)	IN MILK (Days)	REC- ORDS	MILK (Lb.)	FAT (Pct.)	(Mo.) (Yr.)	CAR	MILK	FAT
35-01-0027	6343712	1330987	5 26 65	7	16,580	594	305	1	21,570	4.0	5-67		744	40
35-03-0008	5221646	1346043	10 6 60	26	11,893	466	305	3	18,110	4.1	7-67		878	38
35-03-0008	5311882	1346043	12 22 60	24	11,915	482	303	4	17,400	3.7	1-68		829	24
35-03-0026	6341935	1432728	10 4 64	31	11,240	431	305	1	16,770	3.5	10-67		601	17
35-03-0038	6035958	1271075	1 6 64	10	13,585	524	305	2	16,670	3.9	6-67		770	29
35-03-0053	5977799	1386406	12 9 63	19	14,645	613	305	2	17,360	4.1	9-67		641	25
35-03-0053	5977798	1386406	11 11 63	16	15,380	596	299	3	18,333	3.4	3-68		706	18
35-03-0085	5909495	1355939	9 24 63	15	15,645	622	305	2	19,495	3.8	733		656	24
35-03-0085	5495479	1355939	10 20 61	11	15,362	580	305	4	18,937	4.1	1-68		699	37
35-03-0085	5406362	1355939	5 15 61	9	14,930	577	305	4	18,027	3.7	3-68		625	22
35-03-0112	6070834	1382176	2 19 64	10	16,650	610	305	2	22,195	3.5	1-68		700	17
35-03-0112	6070831	1329588	1 26 64	15	16,315	610	305	2	22,125	3.3	11-67		865	20
35-03-0124	5750153	1199324	7 25 62	22	14,902	563	305	4	17,677	3.7	11-67		881	28
35-03-0133	6221112	1383926	9 12 65	15	14,920	570	305	1	18,280	3.6	10-67		610	25
35-03-0163	5637257	1386406	4 30 62	11	15,057	588	232	4	18,500	3.5	12-67		780	23
35-03-0345	6194879	1259069	9 28 64	12	16,875	656	305	2	22,555	3.4	2-68		822	18
35-03-0350	5549670	1340861	11 15 61	11	13,896	524	298	5	18,872	3.6	11-67		832	28
35-05-0004	6339027	1397209	8 17 64	9	11,670	424	305	1	13,440	3.4	3-67		609	17
35-05-0008	6374628	1344345	5 18 65	17	16,130	592	305	1	21,760	3.3	7-67		751	12
35-05-0008	6135907	1383926	8 14 64	18	16,485	621	305	2	21,565	3.5	12-67		878	32
35-05-0008	6124893	1397209	7 17 64	26	16,790	628	305	2	18,670	3.8	10-67		687	24
35-05-0008	6081338	1397209	2 18 64	13	16,010	598	305	2	20,565	3.6	8-67		921	28
35-05-0030	6243202	1397209	9 30 64	21	18,845	695	305	2	20,290	3.6	737		663	20
35-05-0030	6502763	1306247	9 15 65	14	19,100	713	305	1	21,480	3.2	12-67		814	18
35-05-0032	6476641	1344345	8 25 65	14	15,890	555	305	1	19,710	3.9	11-67		595	17
35-05-0032	6268067	1383926	12 4 64	27	14,740	510	305	1	17,740	3.6	3-67		581	28
35-05-0032	6268065	1383926	10 20 64	23	14,400	500	290	2	19,430	3.6	3-68		812	36
35-05-0040	6178705	1306247	9 24 64	12	14,635	557	305	2	19,110	3.6	2-68		1021	31
35-05-0040	6178704	1397209	8 21 64	13	13,860	531	305	1	15,100	4.7	4-67		586	28
35-05-0047	6463337	1386406	12 4 65	31	15,130	559	305	1	18,800	3.7	1-68		666	26
35-05-0061	6265385	1306247	10 4 64	13	14,540	536	305	2	18,775	3.4	12-67		1004	28
35-05-0062	5920072	1414256	11 26 63	19	14,923	527	305	3	18,916	3.3	9-67		642	16
35-05-0063	6501738	1397209	12 4 65	10	17,230	656	305	1	19,890	3.5	1-68		701	19
35-05-0066	6257788	1306247	11 3 64	10	12,865	466	300	2	16,060	3.4	2-68		870	25
35-05-0069	6261955	1383926	3 29 65	7	14,500	514	305	1	20,580	3.7	9-67		783	35
35-05-0069	6394248	1306247	10 6 65	23	13,640	494	305	1	17,730	3.4	10-67		903	26
35-05-0079	6365913	1386406	4 25 65	18	13,490	516	305	1	16,640	3.5	7-67		615	21
35-05-0079	6365911	1329588	10 7 64	19	14,535	560	303	2	18,360	3.8	12-67		646	20
35-05-0079	6616769	1386406	12 12 65	22	14,650	565	305	1	20,500	3.5	11-67		827	28
35-05-0081	6204399	1381457	4 26 64	27	12,980	470	305	2	17,815	3.3	2-68		616	16
35-05-0086	5294911	1237269	3 2 61	18	14,845	542	305	2	20,945	3.5	11-67		842	23
35-05-0091	5774882	1199324	2 4 63	8	14,770	551	289	3	19,750	3.5	10-67		1121	33
35-06-0022	5362924	1305994	2 28 61	18	13,826	505	305	5	19,102	3.7	11-67		837	33
35-06-0035	6479323	1259069	3 13 65	13	13,020	476	305	1	18,410	3.5	11-67		624	17
35-06-0149	6270318	1383004	8 20 64	7	15,390	554	235	2	20,000	3.4	1-68		601	30

35-08-0013	6369911	1259069	4 10 65	17 18,340	651	305	1 23,200	3.7	856	11-67	36	624	21
35-08-0013	4712517	1210149	2 3 58	8 16,126	608	305	8 19,028	3.8	719	12-67	37	681	26
35-08-0013	6079938	1259069	1 1 64	11 16,520	610	305	2 20,240	3.6	737	8-67	40	620	18
35-08-0014	6445127	1306247	10 23 65	5 13,680	507	305	1 19,640	3.7	725	4-68	35	1041	35
35-08-0014	6260202	1306247	2 10 65	7 13,680	487	305	1 14,010	3.8	539	8-67	33	752	26
35-08-0014	6260203	1306247	2 27 65	15 14,050	555	305	1 17,300	4.2	724	11-67	34	842	31
35-08-0020	4832225	1210149	10 30 58	9 15,440	569	300	7 18,774	3.8	717	9-67	37	734	31
35-08-0020	5052763	1288344	10 21 59	11 15,915	581	292	6 20,320	3.7	747	3-68	38	674	33
35-08-0025	6439277	1397209	7 6 65	13 14,270	514	305	1 16,410	3.5	578	11-67	35	657	20
35-08-0025	6304959	1306247	12 14 64	13 13,635	490	291	2 15,375	3.1	478	12-67	38	734	16
35-08-0027	6484779	1386406	10 7 64	11 17,075	614	305	2 22,580	3.5	791	3-68	40	950	34
35-08-0027	6497488	1386406	12 9 64	14 17,540	623	305	1 19,890	3.3	660	10-67	35	585	19
35-08-0027	6891413	1386406	11 23 65	17 17,360	635	305	1 20,430	4.0	820	1-68	35	638	30
35-08-0033	6188600	1294703	12 12 63	14 14,655	534	305	2 19,235	3.5	673	11-67	40	889	24
35-08-0033	6211115	1294703	9 26 64	16 14,435	519	305	2 17,595	3.2	564	11-67	40	742	14
35-08-0035	6463563	1417208	9 15 65	22 13,950	475	305	1 18,090	3.2	581	11-67	35	665	23
35-08-0035	6408047	1330987	8 27 65	18 14,240	478	305	1 17,420	3.2	564	10-67	36	592	25
35-08-0037	6263081	1386406	12 10 64	14 14,265	504	292	2 16,905	3.3	559	1-68	40	629	20
35-08-0041	6238319	1306247	10 18 64	12 11,790	409	276	1 13,060	3.2	421	10-67	34	672	18
35-08-0041	6238320	1306247	11 21 64	9 11,710	407	281	1 12,930	3.6	465	9-67	34	668	21
35-08-0043	6365820	1397209	8 13 65	15 15,950	602	305	1 17,360	3.3	665	12-67	35	615	20
35-08-0043	6362687	1386406	12 4 64	12 16,050	581	305	2 18,530	3.8	613	3-68	40	631	18
35-08-0045	5133366	1257896	1 17 60	26 12,720	478	305	5 17,240	3.8	657	7-67	35	778	30
35-08-0048	5780820	1343995	10 27 62	14 15,187	539	267	4 17,885	3.2	568	2-68	38	626	15
35-08-0050	6377985	1306247	9 16 65	19 14,370	532	305	1 17,680	4.1	723	1-68	35	843	33
35-08-0050	6341253	1344345	6 24 65	16 13,640	524	305	1 19,910	3.2	636	12-67	35	766	9
35-08-0071	6203079	1383926	10 30 64	17 16,090	598	305	2 19,005	3.4	652	1-68	39	611	23
35-08-0076	6256862	1383926	12 4 64	13 15,995	520	300	2 19,325	3.3	640	1-68	39	653	29
35-08-0086	6230084	1306247	1 7 65	17 13,390	469	305	1 15,640	3.5	548	1-68	35	755	24
35-08-0096	6503363	1306247	9 17 65	13 15,360	573	305	1 18,070	3.6	651	8-67	33	950	29
35-08-0096	6503362	1306247	9 12 65	23 15,060	560	305	1 20,400	3.2	650	10-67	34	1011	25
35-08-0103	6442515	1386406	2 8 65	10 14,370	500	300	2 18,355	3.1	575	3-68	40	768	22
35-08-0103	6341617	1383926	12 20 64	16 14,540	515	305	1 18,730	4.0	742	2-68	35	630	35
35-08-0104	6586258	1329588	9 30 64	16 15,090	542	305	2 20,000	3.4	680	2-68	40	761	21
35-08-0244	6570740	1306247	6 3 65	8 11,420	403	305	1 14,660	3.1	459	3-68	35	815	22
35-09-0004	6349262	1306247	3 13 65	23 13,230	510	305	1 15,910	3.3	528	6-67	33	931	24
35-09-0007	5840106	1270217	7 12 62	77 14,045	532	297	4 17,650	3.7	661	6-67	35	652	21
35-09-0007	6242782	1374587	11 14 64	46 14,240	510	305	2 19,395	3.8	739	4-68	29	706	34
35-09-0010	5749572	1288310	10 17 62	36 14,423	583	290	3 17,930	3.6	646	12-67	34	620	16
35-09-0010	5858918	1288310	3 12 63	31 14,136	578	304	3 17,803	4.1	726	9-67	34	637	27
35-09-0010	6387120	1432844	4 24 65	51 15,500	631	305	1 21,800	3.6	782	11-67	24	912	20
35-09-0010	6275354	1432844	1 11 65	33 14,980	608	305	1 21,880	3.5	764	6-67	24	961	20
35-09-0010	6461023	1288310	8 15 65	39 14,860	611	305	1 20,500	3.9	794	11-67	26	668	24
35-09-0010	5371004	1288310	2 14 61	32 14,572	571	305	4 19,002	3.7	706	6-67	35	783	26
35-09-0010	5885817	1288310	4 19 63	26 14,470	581	305	3 18,636	3.5	653	7-67	34	708	17

TABLE 5.—HIGH-RANKING PROGENY OF DHIA SIRES: HOLSTEIN—Continued

COW'S LAST HERD CODE	COW'S REGISTRATION NO.	COW'S SIRE REGISTRATION NO.	COW'S BIRTH DATE (Mo., J. Day) (Yr.)	HERDMATES			AVERAGE PRODUCTION OF COW				LAST CALVING		REPEAT- ABILITY (Pct.)		COW INDEX	
				NUM- BER	MILK (Lb.)	FAT (Lb.)	IN MILK (Days)	REC- ORDS	MILK (Lb.)	FAT (Pct.)	(Mo.) (Yr.)	CAR			MILK	FAT
35-09-0011	5979685	1386406	8 24 63	31	15,083	573	304	3	21,726	3.7	11-67		42		1133	42
35-09-0011	5979694	1386406	10 31 63	21	15,170	571	301	3	17,640	3.5	12-67		42		648	21
35-09-0011	5979689	1386406	9 11 63	27	14,886	567	305	3	21,340	3.7	8-67		42		1108	40
35-09-0033	6366100	1397209	3 23 65	30	14,280	544	305	1	18,540	3.5	11-67		35		1049	31
35-09-0035	6335221	1386406	2 20 65	30	15,990	595	305	1	18,890	3.4	10-67		35		615	19
35-09-0035	5240886	1199324	1 17 61	19	13,752	551	304	5	18,614	3.5	10-67		44		1145	31
35-09-0041	4577545	1110594	12 15 57	15	14,308	529	305	6	18,696	3.5	1-67		44		647	25
35-09-0041	6251221	1306247	1 9 65	7	15,980	595	305	1	17,080	3.9	1-68		34		691	24
35-09-0045	6018036	1386406	9 2 63	15	16,006	679	305	3	18,753	4.3	10-67		42		690	31
35-09-0054	6476917	1306247	9 8 65	18	15,450	577	305	1	15,250	3.7	1-68		35		583	18
35-09-0054	6222242	1306247	1 17 65	7	11,950	454	305	1	15,560	4.2	8-67		33		994	38
35-09-0058	6094055	1397209	2 4 64	8	13,613	498	301	3	16,586	3.9	3-68		41		771	31
35-09-0067	6824981	1386406	7 8 65	12	19,280	762	305	1	24,690	3.8	12-67		35		829	30
35-09-0078	6649738	1383926	8 28 65	16	14,080	526	305	1	17,770	3.8	9-67		35		629	30
35-09-0079	6326183	1397209	9 19 64	17	14,810	573	305	2	15,970	4.2	12-67		39		592	24
35-10-0005	6296523	1373055	6 20 64	15	14,715	555	305	2	18,655	3.7	10-67		40		723	18
35-10-0017	5537054	1381001	10 14 61	20	15,942	600	305	4	23,697	3.6	8-67		35		1244	36
35-10-0017	5999783	1381001	12 13 63	21	16,345	642	305	2	21,470	3.4	11-67		31		758	11
35-10-0029	5960487	1406271	9 26 63	18	14,870	550	305	2	19,310	3.9	12-67		40		942	43
35-10-0029	5735212	1106334	8 20 62	15	15,225	558	305	2	20,365	4.2	10-67		40		628	42
35-10-0037	6381310	1306247	9 9 65	34	14,140	510	305	1	14,680	4.0	11-67		34		634	23
35-10-0037	5091499	1245390	3 9 60	29	13,868	497	288	5	16,076	3.6	9-67		43		610	15
35-10-0044	6387123	1432844	7 7 65	17	16,000	600	305	1	19,420	3.7	9-67		24		659	17
35-10-0044	5697914	1397209	9 9 62	24	16,955	631	300	4	19,540	3.5	1-68		42		782	22
35-10-0055	6091156	1373055	1 24 64	11	15,055	559	305	2	19,575	3.6	9-67		40		785	19
35-11-0001	6059429	1373055	10 4 63	7	13,685	492	305	2	17,940	3.3	4-67		40		744	15
35-11-0011	6372802	1445915	7 31 65	17	15,040	534	305	1	19,050	3.5	12-67		31		600	16
35-11-0011	6211615	1236789	10 27 64	16	13,925	524	305	2	16,805	3.5	4-68		40		643	18
35-11-0027	6398384	1445915	7 3 65	10	13,840	518	305	1	17,940	4.1	7-67		30		589	22
35-11-0033	6430627	1236789	1 18 65	18	13,610	546	305	5	16,154	3.8	8-67		35		683	22
35-11-0038	6410324	1236789	11 27 65	16	14,500	533	305	1	18,200	3.2	12-67		35		656	17
35-11-0038	5928243	1400575	3 21 63	15	14,413	523	292	3	18,686	3.4	1-68		40		925	17
35-11-0040	6240006	1420414	3 12 64	19	14,580	528	305	2	22,235	3.7	1-68		39		639	26
35-11-0042	6133351	1236789	6 16 64	11	12,545	458	305	2	16,020	3.7	1-68		40		708	24
35-11-0042	5386908	1236789	4 2 61	10	12,934	470	305	5	16,154	3.8	12-67		44		733	30
35-11-0042	6546295	1236789	1 12 66	8	11,220	382	305	1	14,880	3.5	7-67		35		628	22
35-11-0044	6433872	1331709	12 11 65	20	14,240	550	305	1	17,700	3.9	11-67		33		677	18
35-11-0044	6070949	1386406	5 14 64	18	13,400	505	305	2	17,060	3.8	10-67		40		725	30
35-11-0045	6116728	1236789	8 25 64	16	14,200	521	305	2	17,095	3.6	1-68		40		648	20
35-11-0047	5980283	1410096	11 13 63	12	14,750	565	305	2	19,030	4.0	10-67		33		850	43
35-11-0047	5945480	1410096	9 11 63	16	15,106	582	301	3	17,693	4.2	10-67		36		690	41
35-11-0048	6256126	1259069	10 30 64	10	12,850	481	305	1	21,220	3.1	6-67		36		845	17
35-11-0070	5675965	1314767	6 5 62	16	12,290	456	305	4	16,220	3.6	9-67		44		583	26
35-11-0197	5802866	1309948	1 15 63	5	13,736	466	305	3	16,836	3.4	6-67		41		639	21
35-11-0197	6268794	1386406	11 9 64	10	14,685	540	305	2	17,270	3.5	11-67		40		628	21

35-11-0198	6303892	1386406	5	7	65	7	13,240	451	305	1	17,180	3.4	587	6-67	35	672	25
35-11-0198	6382871	1386406	10	10	65	12	14,470	519	305	1	19,580	3.3	639	11-67	35	770	25
35-11-0198	6411034	1386406	11	3	65	12	14,470	531	305	1	17,750	3.1	555	12-67	35	632	17
35-11-0207	6317298	1199324	9	12	64	16	12,390	434	278	2	16,000	3.4	550	10-67	40	907	29
35-11-0207	5742938	1199324	10	24	62	15	12,467	434	303	4	14,165	3.7	522	9-67	44	718	27
35-11-0207	5967820	1199324	9	25	63	16	12,230	423	304	3	13,883	3.4	467	9-67	42	709	21
35-11-0208	6134468	1386406	4	17	64	16	15,030	520	257	2	17,525	3.8	660	8-67	40	622	29
35-12-0003	6069363	1314767	1	8	64	19	15,695	571	305	2	19,310	4.2	809	1-68	40	616	36
35-12-0003	6542610	1330987	12	12	65	19	16,580	609	305	1	21,960	3.5	763	1-68	36	741	30
35-12-0003	5076482	1350767	3	8	60	15	14,668	521	299	6	15,881	3.7	590	11-67	41	667	22
35-12-0007	5786778	1314767	10	24	62	53	11,893	428	305	3	15,276	3.6	543	6-67	42	588	23
35-12-0007	6705030	1314767	2	5	65	35	13,440	482	305	1	18,000	4.0	723	2-68	36	581	30
35-12-0009	6204523	1314767	9	9	64	10	15,845	569	305	2	20,195	3.3	672	12-67	40	692	23
35-12-0027	5847499	1314767	4	14	63	15	14,386	541	305	3	18,426	3.9	720	3-68	42	693	32
35-12-0048	5464691	1350767	10	12	61	10	14,256	502	305	5	21,840	3.3	723	4-68	41	1531	42
35-13-0037	6244710	1259069	12	5	64	35	17,180	641	275	2	20,620	3.6	747	1-68	40	598	16
35-13-0037	6029661	1426597	2	9	64	41	16,310	624	290	1	18,410	3.3	601	5-67	28	746	18
35-13-0037	6332221	1447414	4	16	65	48	15,260	621	298	1	15,800	3.9	615	6-67	26	663	23
35-13-0048	5930551	1340669	9	18	63	19	14,586	538	305	3	18,610	3.3	619	11-67	42	737	10
35-13-0051	5727168	1154946	9	7	62	21	14,225	542	292	4	17,875	3.7	654	10-67	44	651	18
35-13-0053	5410387	1373055	10	16	61	14	13,282	507	302	4	15,832	3.9	610	8-67	43	607	16
35-13-0058	6444779	1236789	8	13	65	22	18,530	685	305	1	21,740	3.8	818	12-67	35	650	24
35-13-0062	6571110	1236789	3	14	66	5	15,350	600	305	1	20,500	3.4	696	3-68	35	772	20
35-13-0072	6592755	1314767	2	3	66	16	13,930	502	305	1	18,610	3.3	619	4-68	36	594	21
35-13-0094	6552850	1314767	11	27	65	53	14,820	548	305	1	20,830	3.2	675	1-68	36	699	22
35-13-0094	5207665	1317558	10	5	60	36	15,088	557	305	5	18,290	3.6	650	3-68	36	612	18
35-13-0094	6067634	1419295	5	7	64	40	14,215	524	305	2	18,035	3.6	648	9-67	30	685	21
35-13-0094	6377960	1420676	8	19	65	42	14,430	530	305	1	20,500	3.6	735	11-67	19	587	20
35-13-0094	6355553	1419295	6	16	65	44	14,450	530	305	1	20,560	3.5	711	11-67	24	793	23
35-13-0094	6248949	1419295	11	11	64	28	15,090	559	305	2	19,555	3.5	677	4-68	30	772	21
35-13-0102	5438063	1336033	9	22	61	11	16,282	593	305	4	20,500	3.8	780	1-68	42	810	28
35-13-0102	5506114	1357797	12	9	61	14	16,288	602	305	5	19,622	3.9	761	4-68	43	744	45
35-13-0103	5813982	1309948	4	4	63	21	16,480	604	305	3	20,356	3.5	705	4-68	41	763	21
35-13-0106	5690114	1386406	7	1	62	5	14,503	535	305	3	21,073	3.6	752	2-68	42	1117	39
35-13-0113	5815032	1217611	12	3	62	5	16,366	591	305	3	21,106	3.7	787	3-67	42	687	24
35-13-0116	5934296	1373055	11	25	63	7	14,505	551	305	2	19,415	3.3	649	2-68	40	795	14
35-13-0130	5986920	1330987	10	21	63	12	15,660	574	305	2	19,300	3.4	663	4-68	40	688	27
35-13-0295	6190911	1377052	8	9	64	17	14,460	555	305	2	18,610	3.6	668	12-67	38	624	19
35-13-0296	6444549	1434558	10	7	65	15	13,570	488	305	1	18,400	3.4	633	10-67	23	593	19
35-13-0296	6304270	1434558	11	12	64	11	14,250	526	296	2	17,845	4.1	734	1-68	29	588	32
35-13-0297	6353588	1386406	3	19	65	5	13,710	558	305	1	16,520	3.5	583	7-67	35	590	18
35-13-0297	6222165	1386406	12	19	64	6	14,995	563	305	2	20,705	3.7	764	4-68	40	950	35
35-13-0297	6161328	1386406	9	12	64	7	14,740	557	305	2	17,245	4.2	719	4-68	40	621	31
35-13-0298	6336517	1386406	4	6	65	27	13,560	506	305	1	16,770	3.5	593	10-67	35	620	22
35-13-0320	6446243	1329588	10	17	65	35	16,000	508	289	1	21,420	3.4	728	1-68	36	686	23

TABLE 5.—HIGH-RANKING PROGENY OF DHIA Sires: HOLSTEIN—Continued

COW'S LAST HERD CODE	COW'S REGISTRATION NO.	COW'S SIRE REGISTRATION NO.	COW'S BIRTH DATE (Mo.) (Day) (Yr.)	HERDMATES			AVERAGE PRODUCTION OF COW				LAST CALVING		REPEAT- ABILITY (Pct.)		COW INDEX	
				NUM. BER	MILK (Lb.)	FAT (Lb.)	IN MILK (Days)	REC- ORDS	MILK (Lb.)	FAT (Pct.)	(Mo.) (Yr.)	CAR			MILK	FAT
35-13-0324	6156250	1428104	7 26 64	12	13,685	478	305	2	18,590	3.2	4-68		35		1024	23
35-13-0328	6008246	1314767	8 27 63	31	14,983	531	300	3	18,430	3.7	10-67		42		631	28
35-13-0329	6293824	1314767	10 15 64	9	13,430	484	305	2	17,210	3.6	3-68		40		609	25
35-13-0330	5913756	1199324	9 2 63	8	15,163	546	305	3	18,310	4.1	12-67		42		914	41
35-13-0330	6146933	1314767	10 7 64	12	16,075	590	298	2	19,855	3.5	11-67		40		636	23
35-13-0330	5880601	1199324	7 25 63	12	14,246	520	305	3	20,366	3.8	9-67		42		1246	48
35-13-0330	5863306	1199324	3 24 63	6	13,620	508	302	3	16,800	3.7	3-67		42		901	30
35-13-0330	5880600	1199324	7 25 63	11	14,066	514	302	3	16,283	4.1	8-67		42		795	35
35-13-0330	5612761	1199324	3 19 62	10	14,615	539	305	4	17,892	3.6	10-67		44		940	31
35-13-0396	5920899	1386406	6 21 63	14	14,090	507	305	2	18,450	3.8	6-67		40		803	34
35-13-0396	5425306	1313490	9 22 61	16	14,703	540	305	3	20,550	3.3	6-67		42		901	21
35-14-0041	6080012	1329588	12 31 63	9	14,316	525	305	3	19,130	3.7	1-68		42		801	28
35-14-0053	5542769	1336033	10 15 61	22	13,966	522	300	5	17,412	3.7	9-67		43		699	19
35-14-0057	5698740	1357797	7 29 62	22	14,320	534	305	3	17,990	4.2	9-67		41		718	50
35-14-0057	6687697	1236789	8 1 65	29	14,360	540	305	1	17,390	3.4	10-67		35		605	16
35-14-0057	6687698	1236789	10 29 65	28	14,530	550	305	1	17,460	3.4	12-67		35		598	16
35-14-0092	6531742	1406271	10 31 65	9	16,160	591	305	1	18,840	4.0	1-68		35		728	36
35-14-0092	4611954	1202646	3 8 57	24	14,508	536	302	7	18,591	4.2	7-67		36		604	40
35-14-0096	5078307	1055021	8 24 59	43	16,583	589	305	6	20,733	3.1	3-68		42		782	11
35-14-0096	5847579	1055021	7 1 63	48	16,470	585	305	3	20,550	3.7	1-68		40		716	25
35-14-0096	6177863	1236789	7 13 64	33	14,660	553	296	2	19,775	3.3	12-67	8	40		879	21
35-14-0096	6395176	1366229	7 25 65	56	16,060	594	305	1	21,180	3.4	10-67		33		584	23
35-14-0101	6459600	1236789	12 15 65	28	15,530	583	305	1	18,600	3.5	12-67		35		616	18
35-14-0106	5059800	1236789	9 22 59	13	15,280	550	305	5	18,924	3.8	1-68		44		819	34
35-14-0106	5059801	1236789	10 23 59	10	15,370	561	305	6	18,050	3.5	10-67		44		695	20
35-14-0106	5059802	1236789	10 28 59	9	15,582	562	305	5	17,938	3.5	6-67		44		655	21
35-14-0116	5561267	1199324	12 8 61	11	11,637	438	288	4	12,602	3.5	9-67		44		617	16
35-14-0123	6608154	1236789	10 7 64	7	13,300	491	288	2	16,485	3.9	1-68		40		668	27
35-14-0123	5316644	1236789	8 25 60	12	13,501	502	298	6	17,915	3.3	1-68		44		896	24
35-14-0145	5201616	1317923	7 2 59	9	13,955	486	305	6	17,253	3.6	7-67		36		606	26
35-14-0145	6282787	1357797	12 5 64	12	13,750	509	304	2	16,520	4.0	4-68		39		580	40
35-14-0145	5947010	1357797	5 2 62	18	14,936	531	305	3	21,346	3.4	8-67		41		1046	46
35-14-0157	6252855	1236789	1 15 65	21	14,230	544	305	1	21,310	3.1	9-67		35		909	21
35-14-0166	5257157	1342846	9 10 60	18	15,350	539	303	5	19,212	3.7	11-67		36		632	26
35-14-0169	4981117	1010936	8 25 59	15	14,707	565	301	7	19,311	3.4	12-67		44		786	22
35-14-0174	5293717	1142339	10 3 60	12	15,204	565	305	5	21,582	3.4	1-68		44		840	18
35-14-0186	6004180	1423057	6 1 63	12	16,040	588	292	3	20,396	3.7	1-68	F	32		679	28
35-14-0191	5615049	1357797	1 2 62	9	15,444	565	304	5	18,144	3.7	3-68		43		649	38
35-14-0197	6062301	1259069	2 15 64	7	15,935	570	305	2	22,295	3.0	4-68		40		882	15
35-14-0200	6236439	1357797	1 22 65	18	15,720	588	305	2	18,510	4.6	11-67		39		603	52
35-14-0203	5974733	1236789	5 24 63	17	14,250	528	294	3	17,230	3.3	1-68		42		690	15
35-14-0204	6292574	1357797	3 15 65	8	14,605	530	298	2	17,530	3.9	4-68		39		605	41
35-14-0215	5842121	1400575	4 28 63	18	15,896	559	305	3	22,636	3.3	12-67		40		1237	27
35-14-0216	6053991	1055021	2 28 64	42	16,090	599	305	2	20,295	3.6	10-67		38		672	18
35-14-0220	6318440	1236789	1 20 65	9	15,210	558	305	1	20,360	3.7	9-67		35		771	28

35-14-0224	6318661	1154946	1 8 65	5	14,230	547	305	1	19,280	3.6	688	7-67	36	600	15
35-14-0224	6445611	1236789	9 20 65	7	15,430	535	301	1	18,700	3.5	653	12-67	35	631	19
35-14-0240	6237450	1424289	4 17 64	8	14,710	575	305	1	22,360	4.1	920	3-68	23	790	41
35-14-0241	5532397	1236789	6 29 61	17	16,765	608	305	2	19,805	3.4	683	1-68	40	689	20
35-14-0241	6346307	1199324	3 10 64	19	15,575	568	305	2	16,940	3.4	578	8-67	40	711	19
35-14-0241	5854763	1276654	1 29 63	14	16,575	598	305	2	20,760	3.5	735	1-68	40	608	19
35-14-0406	6238678	1386406	6 14 64	12	14,600	518	305	2	17,460	3.6	626	12-67	40	655	26
35-14-0471	6420555	1420676	7 2 65	19	10,260	391	305	1	16,890	3.6	606	11-67	19	601	20
35-14-0476	5773147	1199324	1 6 63	12	15,136	519	305	3	17,236	3.4	586	2-67	42	794	25
35-14-0511	5651200	1222994	7 25 62	12	14,356	517	297	3	17,096	3.9	673	9-66	42	656	30
35-14-0511	5894793	1222994	1 25 63	9	14,555	521	305	2	20,465	3.1	644	11-66	40	953	25
35-14-0514	5984990	1386406	12 1 63	18	15,766	552	244	3	18,416	3.3	599	2-68	42	676	20
35-14-0560	5877066	1417720	5 12 63	12	13,390	529	295	3	16,206	4.2	681	12-67	37	725	29
35-15-0004	5769175	1386406	2 21 62	10	15,308	561	283	5	17,362	3.7	643	12-67	44	619	25
35-15-0017	5773823	1342919	5 8 62	14	16,532	649	305	4	22,252	4.3	954	10-67	35	750	43
35-15-0018	6626195	1306247	12 6 64	10	17,790	608	305	2	19,960	3.1	622	4-68	39	815	20
35-15-0023	6628482	1386406	9 7 64	12	14,035	507	303	2	16,610	3.7	621	12-67	40	620	26
35-15-0023	6001858	1386406	10 2 63	11	13,280	472	305	2	15,680	3.8	590	10-67	40	595	26
35-15-0023	6410738	1386406	7 18 65	12	13,580	462	305	1	17,630	3.7	647	8-67	35	683	29
35-15-0023	6190065	1386406	7 7 64	12	13,530	495	305	2	17,270	4.0	685	10-67	40	734	34
35-15-0023	6317924	1386406	12 19 64	9	13,270	469	305	1	20,980	4.0	839	7-67	35	957	43
35-15-0024	6421527	1397209	9 5 65	23	16,600	597	305	1	17,840	3.6	647	12-67	35	606	19
35-15-0024	6421528	1397209	9 20 65	30	15,960	567	305	1	19,110	3.4	657	9-67	35	748	22
35-15-0025	6280829	1418784	5 6 64	18	11,415	422	305	2	15,370	3.5	539	8-67	29	670	19
35-15-0025	6356584	1383926	4 8 65	19	11,770	424	305	1	15,430	4.1	625	8-67	35	609	33
35-15-0026	6409416	1306247	9 2 65	26	14,390	512	305	1	18,330	3.5	650	10-67	34	898	28
35-15-0030	6331525	1306247	7 9 65	11	13,420	481	265	1	12,110	4.2	505	8-67	33	522	24
35-15-0031	6309866	1397209	10 19 64	15	17,865	639	305	2	19,485	4.1	796	1-68	39	652	32
35-15-0031	6477456	1306247	8 27 65	5	16,500	545	305	1	17,090	3.7	631	8-67	33	794	29
35-15-0033	6385051	1306247	9 6 65	7	14,830	527	305	1	17,800	3.2	575	8-67	33	966	26
35-15-0037	6183556	1306247	10 20 64	12	15,270	541	305	2	16,940	3.9	668	11-67	38	743	30
35-15-0038	6708061	1383926	9 3 65	7	13,540	463	305	1	17,300	3.7	640	12-67	35	630	31
35-15-0095	6411823	1383926	4 8 65	16	14,780	514	305	1	18,080	3.6	648	12-67	35	605	28
35-15-0095	6411822	1397209	1 28 65	11	13,280	468	305	1	16,490	3.6	589	6-67	34	692	22
35-17-0006	6463843	1427847	10 29 65	7	14,360	538	305	1	21,720	3.4	733	4-68	24	818	18
35-17-0006	6010902	1407453	10 9 63	11	14,805	555	305	2	22,175	3.6	801	11-67	30	858	30
35-17-0009	6127258	1314767	6 3 64	19	13,410	505	301	2	17,840	3.5	627	7-67	40	675	24
35-17-0016	5590741	1326186	9 2 61	13	14,645	555	305	4	18,745	3.5	652	11-67	35	639	16
35-17-0031	5448339	1386406	7 3 61	14	15,635	620	305	4	20,195	3.8	764	10-67	43	926	33
35-17-0033	5987708	1386406	8 5 63	18	13,816	486	289	3	16,263	3.7	608	12-67	42	629	28
35-17-0050	5391819	1309811	3 2 61	9	14,300	517	305	5	21,240	3.5	740	3-68	35	1043	35
35-17-0055	6230708	1329588	9 29 64	22	13,610	492	305	1	19,000	3.3	630	6-67	36	666	17
35-17-0062	6119720	1419079	3 9 64	13	13,680	511	305	2	17,615	3.4	605	1-68	31	631	15
35-17-0069	6421498	1314767	1 1 66	14	15,600	583	305	1	20,010	3.6	718	12-67	36	586	22
35-17-0071	5319526	1313975	11 13 60	14	11,978	430	295	5	16,042	3.6	580	7-67	36	673	28

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TABLE 5.—HIGH-RANKING PROGENY OF DHIA SIRE: HOLSTEIN—Continued

COW'S LAST HERD CODE	COW'S REGISTRATION NO.	COW'S SIRE REGISTRATION NO.	COW'S BIRTH DATE (Mo.) (Day) (Yr.)	HERDMATES			AVERAGE PRODUCTION OF COW				LAST CALVING		REPEAT- ABILITY (Pct.)		COW INDEX	
				NUM- BER	MILK (Lb.)	FAT (Lb.)	IN MILK (Days)	REC- ORDS	MILK (Lb.)	FAT (Pct.)	(Mo.) (Yr.)	CAR			MILK	FAT
35-17-0089	5448348	1386406	9 24 61	7	15,912	583	305	4	18,500	4.0	732	12-67	43		684	33
35-18-0012	6254918	1432742	10 17 64	23	14,000	554	301	2	18,325	4.1	758	4-68	28		593	30
35-20-0021	6869146	1306247	10 6 65	6	14,050	476	305	1	14,770	3.6	526	12-67	34		647	21
35-20-0076	6312812	1236789	7 30 64	15	14,600	516	305	1	17,530	3.3	581	10-67	35		599	17
35-20-0076	5252076	1236789	8 13 60	7	13,450	499	304	5	16,150	3.4	547	9-67	44		672	17
35-20-0076	5530846	1236789	9 3 61	6	14,034	510	304	5	17,856	3.3	591	3-68	44		826	22
35-20-0085	5327989	1236789	3 13 61	28	17,550	645	293	5	20,768	3.8	795	1-68	44		793	32
35-20-0088	6149950	1386406	8 25 64	35	16,370	574	297	2	22,400	3.0	676	12-67	40	8	997	25
35-20-0102	6476285	1408717	10 1 64	17	16,510	577	304	2	20,940	3.1	641	1-68	29		728	15
35-20-0102	5791410	1408717	8 26 62	13	16,140	553	305	3	19,153	3.5	670	2-68	32		598	23
35-20-0102	5791408	1408717	5 2 62	21	15,440	547	305	4	19,202	3.7	704	11-67	34		724	30
35-20-0110	5791414	1408717	10 1 62	18	16,392	597	302	4	19,577	3.3	654	2-68	34		654	16
35-20-0117	5953571	1386406	9 22 63	20	12,523	486	298	3	15,436	3.7	570	9-67	42		668	24
35-20-0119	5107993	1236789	9 7 59	12	15,567	558	303	7	17,881	3.4	607	2-68	44		649	18
35-20-0158	5839596	1236789	1 18 63	24	13,526	486	305	3	15,866	3.6	576	9-67	42		607	21
35-20-0158	6359350	1236789	3 25 65	32	13,980	504	304	1	17,090	3.5	600	9-67	35		608	20
35-20-0162	6079484	1236789	1 28 64	21	12,973	474	304	3	16,013	3.4	542	2-68	42		682	18
35-20-0164	5479912	1357797	9 17 61	8	14,240	523	305	2	17,460	3.9	677	2-68	39		632	41
35-20-0183	5338626	1236789	12 9 60	10	13,640	480	289	6	15,768	3.5	545	3-68	44		600	19
35-20-0190	5586418	1236789	1 11 62	11	16,726	597	303	3	20,573	3.4	706	1-68	42		820	25
35-20-0205	5646512	1357797	9 9 62	25	15,000	546	304	4	19,962	3.6	724	11-67	42		917	46
35-20-0206	5088627	1236789	1 7 60	16	14,455	538	305	6	18,740	3.5	660	10-67	44		892	27
35-20-0208	6209284	1236789	12 9 64	18	14,170	528	305	2	18,785	3.3	624	2-68	40		823	21
35-20-0209	5739130	1400575	11 14 62	5	16,220	597	305	4	21,210	3.4	720	12-67	41		1068	21
35-20-0216	5841515	1357797	8 24 61	21	15,090	549	305	3	19,683	4.2	823	3-68	41		835	57
35-20-0219	6438413	1445915	11 27 65	12	16,230	622	305	1	22,380	3.5	785	12-67	30		777	19
35-20-0232	5799786	1400575	4 1 63	15	14,843	550	305	3	18,776	3.1	584	12-67	40		889	8
35-20-0236	5533510	1357797	1 15 62	20	14,924	543	298	5	17,174	3.6	619	10-67	43		583	33
35-20-0236	5533511	1357797	12 28 61	20	14,918	544	301	5	17,936	3.7	669	11-67	43		677	40
35-20-0253	5764573	1357797	11 18 62	11	16,320	596	303	4	21,235	3.9	822	12-67	42		928	53
35-20-0253	6361793	1357797	7 22 65	7	15,260	591	305	1	20,070	4.1	828	10-67	35		692	45
35-20-0253	6299780	1357797	1 16 65	14	16,395	617	305	2	19,610	3.5	695	2-68	39		653	34
35-20-0254	5872360	1357797	12 17 62	19	15,750	547	305	3	18,293	3.7	676	10-67	41		603	40
35-20-0254	5325160	1345117	9 19 60	9	15,440	537	305	4	21,095	3.9	814	4-68	35		888	40
35-20-0258	5010978	1236789	12 9 59	10	14,060	514	298	4	17,045	3.3	557	12-67	43		704	16
35-20-0263	6095694	1329588	4 14 64	13	12,775	463	305	2	16,455	3.5	573	6-67	40		613	17
35-20-0264	6491802	1236789	11 25 65	13	14,950	559	305	1	18,710	3.5	663	3-68	35		664	21
35-20-0264	6000929	1236789	12 13 63	8	15,245	566	305	2	20,880	4.0	826	10-67	40		934	39
35-20-0270	6540586	1386406	2 20 66	12	13,770	508	305	1	17,880	3.0	535	2-68	35		689	17
35-20-0277	6254137	1236789	8 23 64	26	13,140	478	305	2	17,085	3.4	582	11-67	40		744	22
35-20-0280	6556373	1383926	8 11 65	14	12,890	480	305	1	19,230	3.5	666	11-67	35		823	32
35-20-0437	6386353	1330987	5 13 65	7	14,890	514	280	2	17,580	3.1	540	4-68	40		584	20
35-20-0500	6284260	1386406	11 3 64	18	15,895	612	305	2	17,950	3.8	688	11-67	40		586	23
35-22-0047	5948214	1309768	1 6 63	8	12,090	435	302	3	15,560	3.5	542	12-67	34		646	20
35-22-0047	6214050	1199324	11 13 64	18	14,450	523	305	1	15,970	3.5	560	10-67	36		707	22

35-22-0052	6283802	1271810	11	4	64	16	18,330	690	305	1	24,320	3.2	785	9-67	36	872	16
35-22-0052	5230522	1344372	7	4	60	10	16,418	584	305	5	21,658	4.0	859	9-67	36	794	43
35-22-0052	5580923	1199324	12	17	61	13	16,406	614	305	3	20,103	3.3	660	8-67	42	992	24
35-22-0056	6617023	1406271	3	24	66	12	15,960	551	305	1	19,970	3.8	767	3-68	35	814	40
35-22-0056	6052316	1373055	2	3	64	10	15,880	574	305	2	20,775	3.4	708	1-68	40	832	18
35-22-0060	5916875	1314767	10	12	63	16	16,290	631	301	3	20,240	3.9	789	10-67	42	704	31
35-22-0060	6437561	1437807	9	26	65	16	16,220	642	285	1	20,550	3.9	792	10-67	22	618	21
35-22-0060	6437562	1437807	10	9	65	15	16,430	634	304	1	21,040	3.7	781	12-67	22	645	20
35-22-0060	6304255	1437807	11	10	65	14	16,050	617	284	2	20,185	3.4	696	12-67	28	718	17
35-22-0060	6230844	1437807	11	5	64	16	16,290	637	305	2	20,785	3.6	740	12-67	28	765	20
35-22-0061	5516242	1340050	9	27	61	11	15,205	546	299	4	19,430	3.2	618	9-67	35	839	16
35-22-0061	5516248	1340050	12	18	61	13	15,075	538	292	4	18,495	3.3	609	9-67	35	721	16
35-22-0061	5516245	1340050	10	18	61	14	15,370	554	297	4	19,850	3.6	722	9-67	35	878	30
35-22-0061	5713760	1340050	11	6	62	19	15,222	535	292	4	20,192	3.2	651	11-67	35	946	22
35-22-0065	6190422	1243697	8	7	64	13	13,810	500	305	2	20,920	3.5	731	12-67	40	645	24
35-22-0065	6288376	1386406	3	31	65	14	16,100	561	305	1	20,360	3.5	709	2-68	35	718	27
35-22-0065	6353753	1386406	8	19	65	14	16,100	561	305	1	21,750	3.4	749	2-68	35	823	30
35-22-0066	6339046	1383004	8	9	64	9	13,565	495	305	2	18,915	3.6	675	12-67	39	659	36
35-22-0066	6339042	1245390	2	3	65	11	13,450	487	305	1	17,150	3.8	651	6-67	35	647	17
35-22-0066	5331581	1245390	2	3	61	10	13,698	501	303	5	18,236	3.3	602	2-68	43	914	17
35-22-0069	5718504	1362598	11	8	62	19	12,986	485	300	3	18,336	3.6	659	12-67	32	682	24
35-22-0072	5723374	1404780	12	12	62	13	15,785	584	305	2	20,035	4.1	823	10-67	29	785	43
35-22-0072	5723373	1404780	12	7	62	10	15,420	564	305	3	20,006	3.8	752	9-67	32	881	39
35-22-0072	5684226	1404780	11	9	62	8	14,760	557	305	4	18,977	3.9	732	4-68	34	863	40
35-22-0072	5856886	1404780	7	3	63	9	14,493	554	292	3	17,916	4.0	721	2-68	32	716	37
35-22-0072	6142247	1404780	7	9	64	13	15,785	584	305	2	21,425	4.0	851	10-67	29	946	46
35-22-0072	5912856	1404780	11	1	63	13	15,625	585	305	2	18,260	4.3	777	11-67	29	585	37
35-22-0308	4644413	1234073	1	14	58	13	13,081	468	305	6	17,595	3.8	667	12-67	38	747	32
35-22-0309	5634925	1234073	5	17	62	9	11,817	414	298	4	16,417	3.5	569	11-67	37	715	24
35-23-0008	6200008	1428104	9	28	64	11	13,280	450	305	1	15,630	3.5	547	9-67	29	689	18
35-23-0012	6145139	1199324	6	14	64	30	15,745	583	305	2	16,430	3.6	584	9-67	40	644	18
35-23-0012	6444750	1283917	10	9	65	23	17,090	607	305	1	24,000	3.0	730	12-67	36	875	10
35-23-0012	6057600	1199324	1	2	64	29	15,700	586	305	2	20,030	3.5	694	9-67	40	1014	29
35-23-0012	6259023	1314767	11	11	64	24	17,110	607	299	2	22,265	3.6	811	2-68	40	786	33
35-23-0022	6183064	1428104	10	1	64	26	14,410	535	305	1	16,190	3.7	605	9-67	29	651	16
35-23-0022	6222013	1428104	11	7	64	26	13,750	499	305	1	17,860	3.3	588	6-67	28	878	18
35-23-0024	6331477	1428104	2	27	65	10	11,780	419	305	1	14,750	3.2	470	6-67	28	766	15
35-23-0029	5956634	1154946	12	10	63	10	16,490	596	305	2	20,720	3.3	692	6-67	40	664	15
35-23-0032	6534170	1428104	10	3	64	17	17,860	628	305	2	24,400	3.5	864	3-68	35	1251	38
35-23-0032	5755253	1377052	3	24	62	16	16,346	595	304	3	19,280	3.6	692	11-66	39	597	19
35-23-0034	5479871	1377052	9	28	61	13	14,420	534	305	4	18,032	3.6	650	7-67	41	682	22
35-23-0034	6133445	1428104	8	17	64	12	15,345	557	305	2	18,080	3.2	580	3-68	35	801	13
35-23-0036	6243557	1244009	8	12	64	15	12,210	449	305	2	16,505	3.6	592	9-67	40	927	23
35-23-0037	5590848	1341379	1	6	62	16	13,197	479	305	4	16,967	3.5	602	11-67	34	581	21
35-23-0039	5876332	1386406	4	6	63	9	13,443	467	305	3	15,513	3.4	529	11-67	42	581	21

TABLE 5.—HIGH-RANKING PROGENY OF DHIA SIRE: HOLSTEIN—Continued

COW'S LAST HERD CODE	COW'S REGISTRATION NO.	COW'S SIRE REGISTRATION NO.	COW'S BIRTH DATE (Mo.) (Day) (Yr.)	HERDMATES			AVERAGE PRODUCTION OF COW					LAST CALVING		REPEAT- ABILITY (Pct.)	COW INDEX	
				NUM- BER	MILK (Lb.)	FAT (Lb.)	IN MILK (Days)	REC- ORDS	MILK (Lb.)	FAT (Pct.)	FAT (Lb.)	(Mo.) (Yr.)	CAR		MILK	FAT
35-23-0039	5367112	1010936	3 25 61	12	14,200	501	300	4	18,355	3.4	629	1-68	44	700	26	
35-23-0040	6640467	1414231	8 13 65	14	16,260	594	305	1	21,810	3.3	728	12-67	27	707	17	
35-23-0040	6037788	1409413	3 23 64	6	15,000	548	305	2	18,695	3.7	684	6-67	29	617	23	
35-23-0040	6037787	1409413	2 22 64	6	14,790	538	305	2	20,685	3.5	722	9-67	29	877	28	
35-23-0040	6369661	1242221	7 22 65	14	16,540	598	305	1	17,660	3.8	665	12-67	32	757	29	
35-23-0040	6369660	1373055	6 3 65	12	16,530	605	305	1	22,300	3.3	739	1-68	35	787	15	
35-23-0041	6173055	1428104	11 1 64	13	15,600	575	299	2	19,090	3.2	620	12-67	34	877	15	
35-23-0046	6408816	1242221	9 17 65	8	14,110	510	305	1	19,380	3.2	616	1-68	32	1070	31	
35-23-0047	5361593	1327418	2 19 61	15	13,280	490	305	4	17,592	3.8	662	12-67	38	582	25	
35-23-0047	6051172	1314767	3 14 64	17	12,305	447	305	2	15,935	3.6	568	6-67	40	583	23	
35-23-0048	6432862	1242221	7 31 65	17	13,390	509	305	1	15,740	4.0	634	9-67	32	831	33	
35-23-0048	6184288	1428104	11 29 64	15	14,185	541	305	2	17,550	3.8	665	1-68	35	858	24	
35-23-0052	6071128	1279868	2 8 64	16	12,885	462	305	2	17,565	4.0	698	6-67	37	739	35	
35-23-0052	6297395	1428104	3 30 65	7	14,470	519	305	1	19,160	3.4	653	1-68	29	893	21	
35-23-0054	5960390	1412682	10 17 63	15	15,920	572	305	3	20,133	3.2	642	1-68	37	761	12	
35-23-0074	5527074	1351952	1 1 62	22	13,282	450	305	4	17,235	3.1	539	12-67	33	638	16	
35-23-0075	6357045	1444698	5 21 65	5	15,630	591	305	1	22,030	3.5	778	10-67	22	624	18	
35-23-0076	6358697	1428104	5 30 65	17	17,160	638	305	1	18,280	3.7	671	9-67	30	635	15	
35-23-0076	6042217	1423680	1 7 64	11	17,190	633	303	3	22,220	3.4	749	2-68	38	742	11	
35-23-0076	6200009	1428104	10 2 64	16	16,520	617	305	2	23,545	3.1	723	3-68	35	1290	23	
35-23-0084	6249446	1329588	8 7 64	17	15,490	561	305	2	19,090	3.7	715	2-68	40	632	23	
35-23-0097	6085048	1395596	5 9 64	8	14,690	535	305	2	20,270	3.5	706	10-67	29	850	24	
35-23-0099	5239736	1286632	8 3 60	21	12,662	462	305	4	15,125	3.6	550	9-67	39	584	25	
35-23-0103	6004062	1286632	8 31 62	9	15,755	568	305	4	20,020	3.7	750	3-68	39	865	39	
35-23-0109	6040902	1386406	1 8 64	26	14,880	549	296	2	18,235	3.4	612	11-67	40	709	21	
35-23-0109	6040903	1386406	3 21 64	21	14,755	549	305	2	17,000	3.9	666	9-67	40	594	27	
35-23-0109	6220496	1386406	4 2 64	25	14,810	549	305	2	17,010	3.5	602	11-67	40	590	20	
35-23-0109	6598492	1386406	4 24 65	24	14,150	541	305	1	17,480	4.1	710	10-67	35	633	28	
35-23-0109	6598490	1386406	9 9 64	26	14,250	536	305	1	17,180	3.5	593	11-67	35	604	20	
35-23-0109	6591680	1386406	2 24 65	24	14,150	541	305	1	17,150	3.6	617	10-67	35	608	21	
35-23-0109	5864737	1350767	2 7 62	16	14,142	513	291	5	16,292	3.4	554	1-68	41	788	18	
35-23-0109	5864696	1386406	10 22 62	16	14,270	521	305	3	18,236	3.4	612	3-68	42	811	25	
35-23-0169	6506182	1428104	1 3 66	7	14,490	538	305	1	20,090	3.3	662	12-67	29	969	21	
35-23-0170	6553289	1386406	1 1 66	5	13,790	440	305	1	18,800	3.1	585	4-68	35	757	26	
35-23-0170	6414688	1386406	1 30 65	16	13,660	492	297	1	16,560	3.7	610	6-67	35	597	24	
35-23-0170	6414690	1384832	5 1 65	17	13,520	489	305	1	18,320	3.4	622	6-67	24	608	17	
35-23-0170	6020907	1309948	3 15 63	17	13,940	502	305	3	17,580	3.3	577	9-67	41	705	17	
35-24-0024	5965730	1329588	12 4 63	18	14,290	543	305	2	17,495	4.0	699	7-67	40	580	23	
35-24-0042	6228311	1400575	12 18 64	30	15,035	540	297	2	18,315	3.4	616	12-67	38	781	12	
35-24-0058	6250769	1375016	2 20 65	7	16,980	616	294	1	20,510	3.7	752	8-67	24	593	19	
35-24-0058	6311892	1329588	4 6 65	10	17,180	635	305	1	21,270	3.4	733	7-67	36	595	15	
35-24-0064	6271060	1236789	1 25 65	8	12,945	470	305	2	15,955	3.5	552	3-68	40	647	19	
35-24-0071	5584656	1199324	11 13 61	22	15,450	542	305	4	18,112	3.3	596	1-68	44	874	24	
35-25-0019	6340391	1242221	4 27 65	14	14,060	497	305	1	13,070	3.8	492	9-67	33	585	23	
35-25-0020	5601503	1386859	6 5 62	18	14,660	515	267	3	16,796	3.1	521	11-67	41	677	16	

35-25-0022	5795040	1249430	12 10 62	21 14,697	524	294	4	18,727	3.2	593	1-68	44	647	16
35-25-0022	6526770	1447141	12 3 65	26 16,010	571	305	1	21,810	3.3	716	2-68	24	1063	34
35-25-0025	5805757	1386842	5 10 63	13 15,886	622	305	3	18,856	3.6	688	12-67	33	635	16
35-25-0026	5803245	1386842	3 13 63	13 13,460	494	305	2	17,660	3.5	619	1-68	30	711	20
35-25-0026	5662756	1386842	10 15 62	12 13,916	502	305	3	18,110	3.6	657	9-67	33	772	26
35-25-0026	5729960	1386842	12 13 62	8 13,053	480	305	3	16,883	3.5	592	7-67	33	712	20
35-25-0026	6135222	1386842	8 23 64	13 14,085	514	303	2	18,435	3.6	661	11-67	30	736	23
35-25-0026	6152048	1386842	8 20 64	12 13,560	483	305	2	16,660	3.5	580	3-68	30	583	17
35-25-0030	5053816	1332101	2 1 60	5 15,576	608	305	5	21,144	3.5	743	10-67	36	781	18
35-25-0045	5466891	1373055	12 22 61	17 13,077	472	305	4	16,537	3.6	601	4-68	43	693	19
35-25-0049	5054410	1319485	11 21 59	10 15,840	559	304	5	19,334	3.5	677	8-67	42	724	20
35-25-0056	6027897	1373055	1 6 64	11 15,100	562	305	2	19,365	3.8	730	9-67	40	760	22
35-25-0073	5954632	1309948	9 13 63	23 14,840	564	305	2	19,625	3.5	679	1-68	38	794	21
35-25-0073	5631939	1376934	12 30 61	13 14,215	532	305	4	19,250	3.3	637	3-68	33	890	20
35-27-0017	6372358	1314767	11 23 63	5 12,475	455	305	2	16,815	3.6	611	1-68	40	656	27
35-27-0023	5965623	1314767	3 28 63	16 13,460	517	305	3	17,183	4.0	692	2-68	42	646	31
35-27-0047	4897705	1263004	12 19 58	7 13,928	493	305	6	18,236	3.1	565	10-67	38	859	13
35-27-0059	6345492	1314767	1 19 65	7 12,730	478	305	1	18,050	3.2	574	9-67	36	632	19
35-28-0002	6270059	1386406	8 18 64	21 12,140	450	274	2	14,785	3.6	535	3-68	40	608	23
35-28-0004	6527794	1441026	8 17 65	31 13,400	480	305	1	14,890	3.8	566	1-68	28	671	21
35-28-0013	6323347	1429512	1 19 65	13 10,920	419	305	1	16,200	3.7	594	7-67	24	586	20
35-28-0013	6323343	1429512	1 6 65	21 11,410	424	305	1	16,670	3.7	615	11-67	24	619	23
35-28-0015	6282331	1386406	11 8 64	43 13,425	504	294	2	16,360	3.7	607	12-67	40	651	25
35-28-0015	5895008	1386406	6 10 63	39 13,526	510	296	3	16,440	3.3	547	1-68	42	680	18
35-28-0015	5799304	1365138	4 12 63	40 13,200	500	305	3	17,306	3.4	597	12-67	32	664	15
35-28-0024	6456611	1373055	11 8 65	15 14,730	552	305	1	20,700	3.0	625	1-68	35	764	10
35-28-0034	5958384	1199324	9 20 63	8 14,680	575	305	1	18,190	3.5	641	12-67	36	857	24
35-28-0036	5624887	1386406	1 5 63	8 12,306	446	305	3	14,713	3.3	488	10-67	42	607	18
35-28-0038	6062774	1314767	2 27 64	9 12,980	476	305	2	16,585	3.6	601	8-67	40	587	24
35-28-0038	6300375	1314767	3 11 65	9 12,280	446	305	1	17,030	3.6	621	11-67	36	587	24
35-28-0039	6387353	1386406	9 15 65	24 13,080	489	305	1	17,340	4.0	686	11-67	35	695	30
35-28-0040	5844364	1272863	7 17 63	21 12,743	479	305	3	15,626	3.6	555	11-67	39	620	17
35-28-0040	5568079	1357797	4 1 62	34 14,440	546	302	3	19,503	4.1	791	10-67	41	882	53
35-28-0040	6494521	1259069	8 14 65	32 14,470	556	305	1	19,640	3.9	764	11-67	36	618	20
35-28-0042	6237108	1444806	8 21 64	13 14,915	553	305	2	21,470	3.1	675	10-67	30	924	17
35-28-0043	6111568	1386406	7 24 64	30 14,825	538	305	2	17,875	4.1	729	12-67	40	677	34
35-28-0043	5381225	1308419	7 12 61	14 14,497	518	305	4	21,535	3.1	676	6-67	43	893	17
35-28-0043	6378350	1386617	6 13 65	34 14,620	517	305	1	19,640	3.3	641	9-67	23	690	15
35-28-0044	6390401	1222994	4 30 65	42 15,310	581	305	1	18,510	3.3	611	5-67	36	616	16
35-28-0044	6326264	1278644	1 2 65	39 15,530	589	305	2	19,305	3.5	684	2-68	40	764	17
35-28-0051	5917058	1245390	7 21 63	16 12,670	488	305	2	16,820	3.3	550	10-67	39	762	10
35-28-0061	5706590	1199324	9 14 62	13 16,412	612	304	4	16,815	4.2	706	1-68	44	607	29
35-28-0063	6377257	1222994	6 12 65	10 13,770	533	305	1	18,240	3.6	658	8-67	36	699	22
35-28-0079	6079294	1106334	1 17 64	20 15,025	552	305	2	21,335	3.4	724	10-67	40	745	30
35-28-0083	6334813	1386406	7 11 65	31 14,980	561	305	1	19,400	3.8	731	9-67	35	722	29

TABLE 5.—HIGH-RANKING PROGENY OF DHIA SIRE: HOLSTEIN—Continued

COW'S LAST HERD CODE	COW'S REGISTRATION NO.	COW'S SIRE REGISTRATION NO.	COW'S BIRTH DATE (Mo.) (Day) (Yr.)	HERDMATES			AVERAGE PRODUCTION OF COW				LAST CALVING		REPEAT- ABILITY (Pct.)	COW INDEX	
				NUM- BER	MILK (Lb.)	FAT (Lb.)	IN MILK (Days)	REC- ORDS	MILK (Lb.)	FAT (Pct.)	(Mo.) (Yr.)	CAR		MILK	FAT
35-28-0083	6117568	1410603	8 19 64	21	14,940	533	305	2	19,535	3.3	638	10-67	29	591	17
35-28-0089	6164823	1386406	10 3 64	18	13,285	474	291	2	15,855	3.4	536	12-67	40	612	20
35-28-0091	6033730	1386406	1 28 64	6	13,105	450	305	2	16,465	3.9	637	9-67	40	691	33
35-28-0092	6355896	1340669	1 21 65	18	12,860	496	305	1	19,630	3.4	675	7-67	36	790	13
35-28-0093	6370975	1432139	9 13 65	25	16,650	629	305	1	22,620	3.6	808	12-67	22	779	23
35-28-0099	6738600	1386406	3 22 65	26	15,280	561	305	1	18,970	3.4	679	12-67	35	669	22
35-28-0099	6462112	1309948	5 10 64	29	14,630	516	305	2	19,720	3.4	631	2-68	38	824	25
35-28-0099	6462109	1386406	6 7 64	24	14,760	527	305	2	18,070	3.6	659	1-68	40	703	28
35-28-0102	5989399	1373055	11 4 63	12	14,865	586	305	2	17,890	3.9	689	11-67	40	631	15
35-28-0117	5845927	1199324	2 17 63	14	16,350	594	305	3	21,516	3.2	697	10-67	42	1160	30
35-28-0125	5717956	1395117	12 17 62	14	13,615	520	304	2	18,170	3.6	650	10-67	36	760	19
35-28-0240	6594696	1386406	7 15 64	8	13,530	514	305	1	16,630	4.2	697	12-67	35	611	29
35-28-0285	6225472	1373055	9 21 64	19	13,230	460	295	2	16,365	3.6	588	10-67	40	625	17
35-29-0018	6165770	1444847	10 8 64	14	16,395	588	302	2	23,795	3.3	782	3-68	29	957	25
35-29-0018	6280845	1386406	1 9 65	12	16,040	562	305	1	20,400	3.8	769	6-67	35	725	31
35-29-0022	6124812	1314767	2 25 64	10	16,830	619	305	2	21,100	3.9	829	9-67	40	694	34
35-29-0024	6610513	1386406	10 5 64	19	10,895	403	297	2	13,840	4.0	550	1-68	40	626	28
35-29-0024	5313101	1314767	3 14 60	23	10,934	416	305	5	15,560	4.1	631	9-67	44	773	37
35-29-0035	6306125	1308419	9 8 63	8	11,665	427	305	2	18,190	3.5	639	9-67	40	651	18
35-30-0005	6191235	1291498	5 22 64	17	13,450	513	305	1	19,410	3.5	671	8-67	35	654	15
35-30-0019	6142189	1396885	6 21 64	24	13,965	529	264	2	16,775	3.9	646	11-67	34	586	24
35-30-0019	6461444	1396885	8 19 65	38	13,780	512	305	1	18,250	3.5	636	3-68	29	629	20
35-30-0019	5795321	1396885	12 8 62	35	14,496	537	305	3	18,476	3.7	687	2-68	37	764	28
35-30-0020	4962043	1060259	12 3 59	25	15,012	547	305	4	17,790	3.8	682	1-68	44	718	26
35-30-0028	5497678	1199324	11 7 61	20	15,012	584	305	4	19,505	3.7	721	12-67	44	1011	34
35-30-0028	5689800	1337526	1 10 62	16	15,572	576	305	4	19,150	3.4	655	11-67	35	680	18
35-30-0030	5990651	1386406	9 5 63	8	13,463	483	305	3	15,733	3.4	540	3-68	42	604	20
35-30-0035	6237102	1330987	9 30 64	35	12,200	449	305	1	16,270	3.4	546	7-67	36	643	26
35-30-0038	5809435	1199324	9 6 61	16	12,370	442	300	3	13,923	3.2	440	6-67	42	699	17
35-30-0048	5764928	1364695	5 14 62	26	12,910	471	305	3	18,176	3.4	611	1-68	33	729	21
35-30-0048	5733405	1330987	1 3 63	24	14,427	538	305	4	18,992	3.5	662	2-68	44	854	32
35-30-0048	6222337	1386406	4 8 64	14	13,125	473	305	2	15,405	3.4	529	10-67	40	581	20
35-30-0048	6560176	1386406	5 15 65	21	13,260	476	305	1	17,010	3.9	662	2-68	35	658	29
35-30-0059	6014240	1396885	10 28 63	18	13,525	509	305	2	16,495	3.5	584	4-67	34	599	19
35-30-0065	6639279	1417208	9 10 65	7	15,870	603	305	1	19,100	3.3	626	11-67	35	611	17
35-30-0070	6086038	1314767	3 25 64	19	13,990	510	289	2	17,520	3.3	582	8-67	40	590	19
35-30-0070	6306532	1314767	11 16 64	28	15,610	550	305	2	19,455	3.9	768	1-68	40	638	34
35-31-0010	6330998	1306247	1 12 65	19	13,130	508	305	1	17,040	3.4	576	8-67	33	1027	28
35-31-0021	6762598	1306247	9 23 65	12	12,040	447	305	1	12,560	3.5	442	1-68	34	616	17
35-31-0022	5827348	1340669	11 9 62	25	14,370	491	305	3	19,103	3.0	572	11-67	42	816	9
35-31-0022	6478933	1417761	3 22 64	16	14,055	488	305	2	18,830	3.3	617	8-67	28	630	17
35-31-0024	6506787	1306247	10 6 65	30	15,110	530	305	1	16,940	3.5	620	2-68	35	736	25
35-31-0028	6340446	1397209	1 1 64	41	14,260	526	305	2	18,125	3.4	614	11-67	39	866	23
35-31-0030	6405965	1306247	8 13 65	23	15,420	595	305	1	15,250	3.9	597	12-67	34	589	18
35-31-0030	6218240	1397209	7 19 64	16	14,470	569	305	1	18,150	3.4	622	7-67	34	738	18

35-31-0030	6210784	1337209	10 17 64	30	14,985	577	305	2	18,870	3.8	714	11-67	39	876	29
35-31-0032	6203196	1386406	12 8 64	8	15,825	588	305	2	18,785	3.3	621	4-68	40	678	19
35-32-0028	6111413	1289586	7 23 64	16	15,190	584	304	2	19,205	3.8	722	12-67	39	645	20
35-32-0031	5241869	1286840	6 10 60	17	14,180	499	305	5	16,678	3.7	619	12-67	36	583	22
35-32-0031	5730781	1286840	1 16 62	15	13,245	467	305	4	19,265	3.3	629	4-68	35	1057	26
35-32-0031	6034080	1286840	1 20 63	15	12,973	459	305	3	16,833	3.4	572	10-67	34	717	18
35-32-0035	6089259	1386406	5 26 63	20	15,700	557	302	3	18,166	3.4	614	1-68	42	653	21
35-32-0035	5576314	1368237	11 1 61	19	14,510	525	305	4	18,387	3.5	648	1-68	35	623	21
35-32-0035	5626454	1386406	3 2 62	21	14,876	519	305	3	18,760	3.9	736	9-67	42	809	39
35-32-0038	6442055	1351138	9 12 65	33	17,970	641	305	1	26,880	3.3	875	12-67	29	742	18
35-32-0038	6147661	1442176	7 26 64	30	16,615	596	305	2	21,695	3.8	832	11-67	29	805	33
35-32-0040	6288964	1303502	1 6 65	25	15,620	548	305	1	21,980	3.6	791	11-67	35	602	21
35-32-0041	6042178	1373055	12 24 63	15	14,175	500	305	2	17,900	3.4	610	7-67	40	695	15
35-32-0042	5959016	1314767	8 25 63	16	14,580	551	305	3	19,426	3.7	726	10-67	42	788	32
35-32-0042	6421111	1314767	10 18 65	20	13,940	525	305	1	18,710	3.2	601	9-67	36	600	18
35-32-0042	5806839	1386406	4 18 63	17	15,620	550	236	3	17,843	3.6	640	10-67	42	624	25
35-32-0044	6226554	1314767	8 18 64	21	16,755	604	305	2	20,390	3.7	761	1-68	40	628	28
35-33-0007	6476193	1314767	7 14 65	18	14,750	533	299	1	19,320	3.6	698	2-68	36	592	24
35-33-0007	6476194	1314767	12 28 65	15	14,940	541	305	1	24,650	3.5	867	3-68	36	976	36
35-33-0030	6110958	1314767	4 3 64	29	14,625	516	293	2	18,010	3.3	588	1-68	40	581	19
35-33-0030	6282973	1373055	1 5 65	25	14,810	531	305	1	21,880	3.2	703	12-67	35	872	17
35-33-0032	6374246	1406271	8 7 65	30	14,280	524	305	1	16,150	4.4	704	11-67	35	652	37
35-33-0102	6135757	1417208	8 24 64	20	15,880	565	299	2	18,335	3.2	593	2-68	40	625	18
35-33-0112	5461088	1369903	12 5 61	14	15,600	541	305	3	21,053	3.4	723	5-67	33	818	24
35-33-0112	4919373	1309768	6 17 59	9	15,070	535	305	5	18,754	3.6	682	10-67	37	760	29
35-34-0005	6147406	1236789	9 17 64	18	12,170	441	305	1	15,330	3.9	601	1-68	35	598	24
35-34-0007	6527749	1306247	2 3 66	11	14,430	534	305	1	15,830	3.7	592	3-68	35	697	23
35-34-0007	6454921	1306247	10 6 65	33	14,960	514	305	1	17,610	3.5	618	11-67	34	803	25
35-34-0007	6265908	1397209	10 11 64	28	14,895	523	296	2	16,100	3.4	549	9-67	39	597	17
35-34-0007	6265909	1397209	11 7 64	33	14,770	515	305	2	17,470	3.1	542	11-67	39	751	17
35-36-0011	6163269	1397209	7 23 64	8	12,795	509	305	2	16,135	3.9	605	9-67	38	760	23
35-36-0026	6455964	1386406	7 31 65	33	14,830	582	305	1	19,220	3.7	747	10-67	35	718	28
35-36-0026	5714674	1222994	12 15 62	34	15,075	561	305	2	17,650	3.7	650	11-66	40	620	22
35-36-0029	6282255	1383926	10 14 64	12	13,250	517	305	2	16,345	3.6	592	3-68	39	600	24
35-36-0031	5685830	1330987	9 16 62	19	12,493	475	305	3	15,033	3.4	512	5-67	42	598	21
35-36-0031	6087724	1199324	2 19 64	18	11,935	461	305	2	14,815	3.8	562	6-67	40	828	27
35-36-0040	6384700	1406271	10 29 65	18	14,490	552	305	1	15,840	3.6	574	1-68	35	602	25
35-36-0049	6229070	1306247	1 30 65	5	15,455	551	298	2	17,500	3.5	615	3-68	39	778	24
35-36-0049	6229069	1306247	9 11 64	13	16,040	560	305	2	14,655	3.5	751	12-67	38	1164	37
35-36-0068	6257601	1397209	9 28 64	8	13,140	467	305	2	14,700	3.4	496	3-68	39	597	17
35-36-0070	6075946	1199324	1 30 64	6	14,575	527	305	2	16,465	3.5	571	6-67	40	754	22
35-36-0070	5891604	1199324	3 9 63	6	14,766	557	301	3	18,736	3.8	709	10-67	42	1005	35
35-36-0070	5941214	1199324	9 30 63	7	14,323	546	296	3	18,180	3.8	682	8-67	42	986	33
35-36-0070	5601877	1199324	2 27 62	7	16,047	589	304	4	19,447	3.2	630	12-67	44	972	23
35-36-0071	6459589	1397209	5 30 65	17	14,430	553	296	1	16,060	3.8	614	9-67	35	620	20

TABLE 5.—HIGH-RANKING PROGENY OF DHIA SIRE: HOLSTEIN—Continued

COW'S LAST HERD CODE	COW'S REGISTRATION NO.	COW'S SIRE REGISTRATION NO.	COW'S BIRTH DATE (Mo.) (Day) (Yr.)	HERDMATES			AVERAGE PRODUCTION OF COW				LAST CALVING		REPEAT- ABILITY (Pct.)	COW INDEX	
				NUM- BER	MILK (Lb.)	FAT (Lb.)	IN MILK (Days)	REC- ORDS	MILK (Lb.)	FAT (Pct.)	(Mo.) (Yr.)	CAR		MILK	FAT
35-36-0075	6453301	1306247	8 9 65	10	15,340	550	305	1	15,640	4.0	8-67		33	762	29
35-36-0075	6495992	1306247	10 21 65	5	16,420	544	305	1	18,790	3.3	3-68		35	787	25
35-36-0075	6340838	1383926	9 7 64	18	15,280	538	299	2	20,925	3.4	9-67		39	924	36
35-36-0075	6211023	1199324	8 13 64	16	15,845	558	305	2	17,665	3.3	12-67		40	760	21
35-36-0075	6211024	1383926	8 15 64	10	14,565	518	305	2	17,940	3.9	9-67		38	652	36
35-36-0078	6119752	1397209	6 1 64	13	16,415	595	304	2	22,645	3.5	8-67		38	1100	33
35-36-0078	6336690	1397209	2 21 65	26	16,125	564	300	2	20,860	3.4	2-68		39	956	31
35-36-0078	6359795	1397209	3 4 65	23	16,760	590	305	1	20,900	3.5	7-67		34	791	25
35-36-0078	6398484	1397209	3 10 65	23	16,760	590	305	1	18,180	3.8	6-67		34	581	21
35-36-0078	6398485	1397209	3 23 65	13	16,460	575	305	1	18,760	3.3	8-67		34	647	18
35-36-0078	5518997	1199324	11 24 61	21	16,775	588	301	4	22,065	3.6	10-67		44	1215	42
35-36-0080	5906380	1292698	1 14 62	10	15,505	544	305	4	19,740	3.3	11-67		35	634	15
35-36-0081	6552441	1306247	12 14 65	16	15,430	587	305	1	18,190	3.2	3-68		35	809	19
35-36-0085	6211724	1386406	9 17 64	10	14,015	483	292	2	16,670	3.7	1-68		40	628	28
35-36-0096	6273058	1222994	2 9 65	25	14,480	541	305	1	17,310	3.9	6-67		36	583	23
35-36-0099	5916474	1399092	10 20 63	18	16,710	590	303	3	20,616	3.5	1-68		33	717	28
35-36-0104	5240389	1350190	12 4 60	16	14,830	540	300	6	19,980	3.1	2-68		44	865	13
35-36-0106	5228021	1340802	9 4 60	17	15,235	566	303	6	18,540	3.6	1-68		36	611	20
35-36-0106	5695307	1340802	10 25 62	15	14,902	572	305	4	18,400	3.8	699	11-67	35	616	24
35-36-0106	5695297	1303900	8 11 62	21	14,502	558	305	4	20,962	3.3	3-68		41	1117	21
35-36-0107	5664336	1379988	8 31 62	8	15,730	564	288	3	18,420	3.4	7-67		32	689	18
35-36-0107	5664334	1379988	2 10 62	5	15,747	541	305	4	19,910	3.1	7-67		33	923	20
35-36-0107	5664323	1379988	2 26 62	8	16,177	569	305	4	20,122	3.4	3-68		33	897	26
35-36-0107	5664337	1379988	10 25 62	13	16,702	594	305	4	20,435	3.4	12-67		33	874	25
35-36-0107	5878268	1379988	1 3 63	7	15,946	556	305	3	20,903	3.3	6-67		32	1001	27
35-36-0107	6594967	1410387	2 9 66	19	17,560	620	305	1	26,660	3.0	1-68		25	1037	23
35-36-0107	6505740	1386406	10 9 65	17	17,930	616	305	1	23,740	3.6	1-68		35	849	34
35-36-0107	5913395	1379988	10 4 63	12	16,936	603	305	3	21,486	3.2	1-68		32	959	22
35-36-0110	5473358	1199324	10 11 61	43	13,727	513	305	4	16,075	3.4	2-67		44	814	21
35-36-0110	6327277	1386406	5 9 65	42	15,460	587	305	1	18,020	4.1	1-68		35	585	27
35-36-0114	6387706	1306247	10 4 65	10	12,520	472	305	1	13,780	3.5	10-67		34	677	18
35-36-0118	6318050	1392559	5 2 65	21	15,740	594	305	1	20,630	3.7	12-67		24	582	20
35-36-0118	6474116	1428104	9 12 65	20	15,880	600	305	1	19,540	3.4	2-68		30	834	17
35-36-0120	6358343	1397209	3 26 65	19	16,630	594	305	1	20,580	3.6	738	10-67	35	814	27
35-36-0124	6133790	1397209	8 27 64	25	14,320	453	305	1	14,300	3.8	5-67		34	590	20
35-36-0128	6166939	1306247	9 19 64	22	14,730	556	305	1	17,870	4.0	8-67		33	979	35
35-36-0128	6309606	1397209	4 21 65	20	14,730	556	305	1	17,920	3.7	6-67		34	702	22
35-36-0128	5700861	1284364	8 17 62	6	15,890	569	305	4	22,337	3.3	4-68		43	943	23
35-36-0133	6395836	1291498	5 30 65	20	14,400	549	305	1	20,140	3.7	5-67		35	645	18
35-36-0143	6603181	1397209	11 27 65	24	15,590	585	305	1	18,360	3.6	2-68		35	697	21
35-36-0143	6453201	1306247	3 10 65	20	15,260	546	302	1	19,030	3.6	5-67		33	1032	34
35-36-0143	6454974	1397209	3 13 65	21	15,450	551	305	1	18,780	3.5	5-67		34	718	21
35-36-0143	6454971	1306247	2 27 65	20	15,260	546	305	1	19,130	3.2	5-67		33	1040	28
35-36-0143	6454976	1383926	6 8 65	19	15,800	577	305	1	18,710	3.4	11-67		35	583	23
35-36-0238	6286368	1397209	3 17 65	18	13,250	501	305	1	18,210	3.9	5-67		34	827	30

35-36-0414	6350044	1306247	7 3 65	8	12,530	450	305	1	17,790	3.1	556	7-67	33	1127	30
35-36-0431	6256929	1383926	1 2 65	15	13,635	493	303	2	16,805	3.7	617	2-68	39	612	29
35-36-0431	6243750	1306247	1 2 65	11	14,690	527	305	1	12,740	3.5	452	1-67	33	582	17
35-37-0020	6051834	1397209	4 8 64	6	14,280	514	288	1	16,190	3.7	595	8-67	34	600	20
35-37-0054	6391409	1306247	10 22 65	20	14,690	534	305	1	15,840	3.9	611	11-67	34	685	24
35-37-0055	6300060	1306247	1 23 65	15	14,890	551	305	1	22,350	3.3	733	5-67	33	1317	37
35-37-0055	6161001	1306247	10 30 64	11	14,730	524	305	1	19,880	3.8	764	6-67	33	1136	41
35-37-0055	6211448	1397209	7 17 64	16	14,960	576	299	2	18,915	3.6	672	1-68	39	863	25
35-37-0055	6424156	1306247	10 26 65	8	14,370	510	291	1	15,430	3.2	490	4-68	35	671	17
35-37-0055	6416663	1306247	8 24 65	14	15,550	600	305	1	21,350	3.5	748	1-68	35	1043	30
35-37-0060	6479312	1306247	11 26 65	6	14,050	542	305	1	18,390	3.4	623	4-68	35	919	25
35-37-0060	6376727	1306247	6 8 65	9	14,400	530	305	1	14,610	3.8	555	8-67	33	748	25
35-37-0066	6254658	1306247	9 29 64	10	15,800	597	302	2	17,940	3.7	670	1-68	38	798	25
35-37-0067	6405916	1306247	7 10 65	5	14,600	533	305	1	16,060	4.1	656	9-67	33	847	32
35-37-0067	6218623	1306247	10 29 64	17	16,380	671	305	2	19,275	3.9	759	1-68	38	883	27
35-37-0068	6193408	1383926	10 12 64	12	14,860	543	305	1	22,050	3.4	745	6-67	34	872	33
35-37-0072	6128061	1386406	7 29 64	10	12,920	481	305	2	22,280	3.7	819	11-67	40	1301	49
35-37-0072	6291324	1386406	1 12 65	11	13,820	512	305	1	22,470	3.2	720	7-67	35	1032	31
35-37-0083	6123561	1383926	8 17 64	5	15,270	581	305	1	20,890	3.7	769	3-67	34	754	32
35-37-0086	6542337	1378446	12 25 61	9	11,615	428	305	4	16,272	3.5	566	12-67	35	683	19
35-37-0090	5948379	1407925	9 10 63	16	14,670	534	305	3	18,676	4.1	769	10-67	32	698	39
35-37-0109	6252909	1386406	1 6 65	10	11,430	415	305	1	14,500	3.4	497	8-67	35	593	21
35-37-0241	6261303	1397209	10 20 64	12	13,170	513	305	1	17,410	3.5	614	11-67	35	810	23
35-37-0432	6266505	1314767	12 28 64	15	15,180	539	305	1	20,660	3.9	799	8-67	36	663	31
35-38-0022	6245775	1306247	2 23 65	7	13,830	485	305	1	17,220	3.3	570	8-67	33	991	29
35-38-0022	6245774	1306247	12 31 64	16	15,170	535	305	1	16,800	3.6	600	6-67	33	865	28
35-38-0023	6224796	1397209	11 27 64	9	12,330	441	282	1	14,770	3.4	500	1-68	35	666	19
35-38-0023	5565225	1323370	3 3 62	21	12,440	432	300	4	17,052	3.2	551	7-67	34	712	20
35-39-0022	6137446	1383926	9 12 64	9	12,930	478	296	1	17,070	3.6	609	8-67	34	622	27
35-42-0005	6035036	1314767	9 5 63	16	12,883	456	305	3	16,170	3.6	584	2-68	42	589	25
35-42-0063	6313389	1314767	1 19 65	14	11,140	408	305	1	16,130	3.3	534	11-67	36	596	21
35-43-0019	6072943	1397209	1 28 64	27	14,935	552	305	2	16,315	3.4	559	10-67	39	616	15
35-43-0019	6072944	1397209	1 28 64	21	14,950	547	305	2	17,060	3.4	593	2-68	39	672	19
35-43-0027	6370052	1306247	9 20 65	11	13,110	465	305	1	13,500	3.7	493	2-68	35	610	20
35-43-0027	6370051	1306247	7 20 65	12	14,200	484	305	1	15,200	3.9	589	10-67	34	670	25
35-43-0027	6370053	1306247	9 21 65	11	13,110	465	305	1	15,290	3.3	509	2-68	35	747	21
35-45-0012	6249069	1397209	8 18 64	14	14,340	516	302	2	15,575	3.7	576	11-67	39	595	20
35-45-0012	6237323	1397209	10 8 64	7	12,400	434	297	1	15,160	3.7	563	7-67	34	651	23
35-45-0012	6445065	1397209	6 24 64	9	14,510	521	305	2	17,410	3.4	591	1-68	39	769	21
35-45-0036	6095065	1397209	2 17 64	17	15,970	617	305	1	18,920	3.4	646	11-67	35	732	18
35-45-0046	6357391	1383926	7 21 65	20	12,210	453	305	1	15,640	4.0	627	11-67	35	595	31
35-45-0050	6495060	1380911	8 31 65	15	15,780	584	305	1	21,060	3.6	750	9-67	34	687	18
35-45-0054	6238549	1329588	9 11 64	17	12,765	489	286	2	16,325	3.7	606	3-68	40	601	18
35-45-0054	5713801	1199324	11 30 62	10	12,045	459	305	2	13,215	3.6	479	7-67	40	656	19
35-45-0056	6362694	1306247	7 4 65	8	13,920	515	305	1	20,010	3.7	733	10-67	34	1060	34

TABLE 5.—HIGH-RANKING PROGENY OF DHIA SIRE: HOLSTEIN—Continued

COW'S LAST HERD CODE	COW'S REGISTRATION NO.	COW'S SIRE REGISTRATION NO.	COW'S BIRTH DATE (Mo.) (Day) (Yr.)	HERDMATES			AVERAGE PRODUCTION OF COW				LAST CALVING (Mo.) (Yr.)		REPEAT- ABILITY (Pct.)	COW INDEX	
				NUM- BER	MILK (Lb.)	FAT (Lb.)	IN MILK (Days)	REC- ORDS	MILK (Lb.)	FAT (Pct.)	FAT (Lb.)	CAR		MILK	FAT
35-45-0077	5945148	1386406	10 25 63	7	13,295	554	305	2	19,200	3.8	736	6-67	40	953	33
35-45-0083	6419028	1386406	8 18 65	11	13,940	510	305	1	16,810	3.2	545	3-68	35	597	18
35-45-0091	6341646	1397209	2 9 65	10	14,190	508	305	1	16,760	3.6	598	7-67	34	650	20
35-45-0095	5948625	1330987	7 24 63	11	14,433	519	305	3	16,680	3.3	552	12-67	42	587	21
35-45-0113	6070485	1329588	2 15 64	11	17,853	627	305	3	21,640	3.2	701	2-68	42	723	16
35-45-0157	6462017	1306247	8 1 65	14	14,630	546	275	1	14,860	3.5	520	12-67	34	614	16
35-45-0176	6502322	1386406	6 10 65	9	12,740	447	305	1	16,220	3.6	586	8-67	35	634	25
35-45-0177	6460115	1199324	9 26 65	8	14,640	535	305	1	14,750	3.4	505	12-67	36	604	17
35-45-0179	6393604	1329588	7 10 65	16	13,550	487	305	1	23,540	3.0	697	9-67	36	1008	22
35-45-0185	6305779	1386406	2 3 65	11	15,120	575	305	1	20,630	3.3	685	8-67	35	805	24
35-45-0185	5451845	1357797	7 12 61	15	14,940	540	305	3	18,670	4.2	781	1-68	41	732	53
35-45-0185	5584598	1394692	2 22 62	9	16,480	623	305	3	21,946	3.1	677	4-68	36	1022	7
35-45-0187	5124996	1013718	8 25 59	9	12,266	437	305	3	17,063	3.5	589	11-66	42	707	19
35-45-0188	6365421	1340669	2 2 65	8	15,240	533	305	2	18,590	3.9	726	2-68	40	630	20
35-45-0189	6227989	1397209	11 25 64	6	15,330	573	305	2	17,625	3.4	607	3-68	39	695	18
35-45-0192	5210423	1284262	10 10 60	13	13,633	493	302	3	17,270	3.5	603	3-68	32	644	21
35-45-0192	5237903	1284262	11 8 60	12	14,243	511	305	3	18,996	3.5	660	11-67	32	802	27
35-45-0192	4938102	1284262	8 6 59	13	14,636	521	305	3	19,590	3.5	680	9-67	32	835	28
35-45-0192	5781197	1284262	10 21 62	10	14,515	522	305	4	17,712	3.3	589	4-68	34	624	16
35-45-0262	5779732	1386406	1 16 63	9	14,576	515	305	3	17,960	3.8	684	6-67	42	747	34
35-46-0006	5874168	1361361	4 13 63	19	14,800	553	305	3	19,633	3.4	672	12-67	32	782	18
35-46-0006	5186723	1361361	9 12 60	16	14,312	531	305	5	19,880	3.2	640	11-67	35	960	18
35-46-0008	4977226	1236789	9 18 59	10	14,454	529	299	5	16,708	3.4	569	6-67	44	627	16
35-46-0008	4977225	1236789	9 16 59	9	14,376	525	305	5	18,152	3.8	683	9-67	44	825	32
35-47-0018	5987811	1289586	10 5 63	35	14,045	473	305	2	19,380	3.3	641	11-67	39	770	22
35-48-0076	6094182	1335627	4 8 64	15	14,100	538	295	2	21,145	3.6	761	7-67	30	1029	34
35-48-0076	6504659	1335627	1 9 66	11	16,820	636	305	1	20,920	3.7	780	2-68	24	594	22
35-48-0076	6475395	1335627	9 28 65	15	17,010	615	275	1	21,750	3.4	738	11-67	24	652	20
35-48-0076	5836487	1335627	4 22 63	13	13,980	535	297	3	18,910	3.7	698	7-67	33	841	29
35-48-0076	5621580	1335627	4 19 62	11	15,690	585	296	4	20,967	3.4	717	2-68	35	960	27
35-48-0079	6254027	1199324	10 26 64	11	13,720	538	305	1	16,540	3.6	599	6-67	36	799	24
35-48-0083	6016558	1259069	8 7 63	14	14,580	576	305	3	18,640	3.8	712	1-68	42	683	20
35-49-0014	5977166	1335840	8 12 63	8	14,123	566	305	3	18,340	3.7	677	12-67	33	714	21
35-49-0014	5594682	1335840	1 29 62	8	14,860	560	298	5	17,896	3.7	670	11-67	36	608	22
35-49-0014	5792535	1335840	11 2 62	10	14,000	552	305	4	18,460	3.6	671	11-67	35	785	23
35-49-0014	5262676	1335840	10 9 60	8	14,328	564	303	6	17,488	3.6	625	10-67	36	619	15
35-49-0020	4347927	1258673	9 10 56	9	16,708	664	305	7	22,345	4.3	956	1-68	44	633	54
35-49-0022	6485639	1417208	4 13 65	17	14,520	539	305	1	18,170	3.3	607	9-67	35	633	20
35-49-0028	6555699	1457846	1 3 66	12	17,770	672	305	1	23,780	3.8	900	3-68	29	725	23
35-49-0028	5070947	1326862	11 2 59	16	14,263	532	305	6	18,218	3.8	689	11-67	39	733	30
35-49-0028	6456906	1445645	11 30 65	17	17,800	680	305	1	24,210	3.8	908	11-67	26	582	22
35-49-0028	6096640	1265694	5 8 64	15	16,205	634	305	2	20,605	3.7	756	9-67	40	853	18
35-49-0031	5705541	1330987	7 14 62	17	13,287	471	291	4	15,695	3.7	573	8-67	44	605	27
35-49-0035	5483017	1362574	5 23 61	8	13,287	481	305	4	17,730	3.5	614	7-67	33	674	21
35-49-0045	6013174	1398028	1 31 64	19	12,555	459	305	2	15,560	3.6	557	8-67	31	598	18

35-49-0046	5996810	1154946	10 23 63	27	15,290	564	305	2	19,245	3.5	680	10-67	40	624	16
35-49-0046	5354339	1199324	1 1 61	26	15,386	555	305	3	17,016	3.8	642	5-67	42	743	28
35-49-0052	6477787	1301864	1 29 66	18	17,540	622	305	1	21,940	3.7	815	1-68	35	592	29
35-49-0055	6037050	1386406	3 21 64	23	15,530	543	305	1	18,330	3.5	642	6-67	35	603	23
35-49-0055	6057048	1386406	3 2 64	15	14,135	514	305	2	18,005	3.3	588	9-67	40	754	22
35-49-0055	5786248	1371353	3 14 63	9	13,780	506	305	3	19,346	3.4	654	6-67	32	880	22
35-49-0082	5863798	1386406	4 11 63	19	13,815	499	301	2	17,895	3.7	669	11-67	40	772	32
35-51-0011	6301762	1306247	10 12 64	9	14,670	603	305	1	15,270	4.0	616	9-67	34	643	19
35-51-0029	6632302	1383926	12 28 64	6	15,490	583	305	1	24,080	4.0	956	10-67	35	1015	47
35-51-0029	4957597	1110594	4 20 58	7	13,985	514	305	4	18,397	3.4	632	12-66	43	620	23
35-52-0023	5508713	1199324	3 2 61	12	14,560	524	304	4	16,852	3.8	640	11-67	44	817	31
35-52-0038	6151885	1362818	11 4 64	37	14,495	583	299	2	18,880	3.6	689	2-68	31	642	17
35-52-0039	4891654	1296790	12 16 58	17	14,776	547	296	6	15,393	3.2	615	10-67	37	809	12
35-52-0039	6024740	1386406	9 7 63	21	15,163	546	305	3	18,740	3.6	675	11-67	42	776	29
35-52-0056	6029716	1386406	2 7 64	36	14,785	573	305	2	17,435	4.0	691	8-67	40	636	27
35-52-0056	6139504	1283917	2 2 64	35	16,400	628	305	3	20,416	3.5	706	2-68	42	796	11
35-52-0056	6637065	1396617	12 22 65	33	16,700	637	305	4	22,110	3.5	779	1-68	23	711	18
35-53-0003	5401401	1350767	9 24 61	28	14,292	548	296	4	15,225	4.1	617	12-67	40	626	22
35-53-0015	5319870	1298815	11 4 60	8	13,544	482	305	5	18,496	3.4	630	4-68	43	714	21
35-53-0028	5499933	1106334	9 14 61	13	13,535	492	305	4	19,330	4.2	804	2-67	43	804	50
35-53-0038	5918289	1373055	11 7 63	19	16,640	622	305	2	20,105	3.7	748	2-68	40	670	17
35-53-0053	5949420	1314767	10 11 63	16	13,700	500	305	3	18,093	4.2	756	3-68	42	725	40
35-53-0053	5912146	1314767	10 15 63	20	13,340	485	305	2	17,050	4.0	681	11-67	40	601	31
35-53-0059	6216909	1314767	5 23 64	16	13,820	505	305	2	18,645	3.6	663	11-67	40	719	27
35-53-0066	5647434	1388256	8 2 62	14	14,853	540	305	3	19,580	3.4	660	8-67	34	636	22
35-53-0264	5294488	1199324	3 15 61	10	14,910	565	271	5	15,528	3.8	598	11-67	44	613	20
35-54-0007	5507058	1355968	7 6 61	12	14,827	526	305	4	19,060	3.6	693	11-67	35	664	25
35-54-0007	5441024	1355968	1 20 61	14	14,586	522	305	5	19,134	3.2	618	2-68	36	732	15
35-54-0007	5042981	1148993	12 3 59	14	14,670	517	293	6	17,980	3.5	628	4-68	43	637	24
35-54-0008	5151812	1315578	9 2 60	10	13,407	475	305	4	16,095	3.5	569	5-67	43	605	32
35-54-0036	5791327	1106334	12 4 62	25	13,603	509	303	3	18,176	3.9	700	9-67	42	618	33
35-54-0039	5555785	1368116	1 16 62	16	12,813	467	303	3	16,506	3.8	619	1-68	33	689	26
35-54-0039	5454726	1368116	11 17 61	19	12,942	474	304	4	17,737	3.4	603	12-67	35	881	24
35-54-0040	6508410	1386406	2 10 66	11	16,450	600	295	1	19,710	3.9	764	1-68	35	645	28
35-54-0040	6508408	1386406	11 25 65	8	15,580	573	296	1	21,180	3.4	711	12-67	35	815	26
35-54-0040	5849768	1370467	4 19 63	5	16,100	593	305	3	20,476	3.6	727	12-67	32	731	22
35-54-0040	6119782	1370467	5 24 64	6	15,050	549	305	2	21,565	3.4	727	9-67	29	907	24
35-54-0042	6119742	1412682	12 25 63	12	13,600	500	301	2	17,075	3.6	619	6-67	34	595	15
35-54-0042	5812858	1106334	8 15 62	16	13,496	505	305	3	18,170	4.3	786	9-67	42	629	44
35-54-0042	5953663	1421870	8 23 63	14	13,456	509	305	3	19,643	3.3	653	1-68	38	902	18
35-54-0045	5869258	1320284	4 10 63	28	15,020	582	305	3	20,240	3.3	667	12-67	33	838	13
35-54-0045	6131102	1386406	4 9 64	32	15,250	587	305	2	17,945	3.8	674	12-67	40	645	24
35-54-0045	6116203	1386406	3 8 64	27	14,745	569	305	2	19,105	3.5	663	8-67	40	810	25
35-54-0045	6168024	1386406	7 6 64	30	15,490	598	305	2	17,600	3.7	653	1-68	40	588	21
35-54-0055	6169854	1314767	7 1 64	11	13,420	508	305	2	17,145	4.0	681	8-67	40	604	29

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TABLE 5.—HIGH-RANKING PROGENY OF DHIA SIRE: HOLSTEIN—Continued

COW'S LAST HERD CODE	COW'S REGISTRATION NO.	COW'S SIRE REGISTRATION NO.	COW'S BIRTH DATE (Mo.) (Day) (Yr.)	HERDMATES			AVERAGE PRODUCTION OF COW				LAST CALVING		REPEAT- ABILITY (Pct.)	COW INDEX	
				NUM- BER	MILK (Lb.)	FAT (Lb.)	IN MILK (Days)	REC- ORDS	MILK (Lb.)	FAT (Pct.)	(Mo.) (Yr.)	CAR		MILK	FAT
35-54-0055	6272903	1314767	1 10 65	11	14,445	535	305	2	20,810	3.4	3-68		40	882	28
35-54-0058	5924719	1239242	8 8 63	24	15,436	578	303	3	22,860	3.4	1-68		42	1154	34
35-54-0062	5828557	1395117	3 6 63	8	12,766	474	305	3	15,573	3.7	1-68		38	593	17
35-54-0063	5878091	1233483	3 15 62	18	16,407	591	305	4	21,207	3.6	12-67		42	768	23
35-54-0063	6152834	1386406	11 8 64	18	17,210	623	305	2	19,780	4.0	2-68		40	652	32
35-54-0082	6271748	1448176	2 4 65	17	12,270	444	305	1	18,370	3.5	10-67		24	610	22
35-54-0120	6302893	1286632	7 7 64	15	13,550	458	305	2	17,260	3.1	1-68		35	693	23
35-54-0261	5538837	1199324	11 4 61	15	13,690	518	305	4	18,952	3.4	8-67		44	1173	32
35-54-0261	5745156	1382946	8 19 62	26	14,450	527	301	3	18,636	3.4	8-67		32	627	16
35-54-0261	5893344	1408166	7 16 63	30	14,786	545	305	3	19,303	3.7	11-67		32	716	30
35-54-0265	5793187	1245390	7 29 62	9	12,795	441	292	2	16,285	3.6	6-67		39	695	19
35-54-0272	5773111	1317558	12 8 62	15	12,410	463	296	3	16,173	3.4	552		33	603	15
35-55-0001	5771288	1395018	2 24 63	-3	12,093	475	303	3	17,223	3.5	11-67		32	718	19
35-55-0001	5962861	1395018	12 7 63	13	12,480	480	305	2	17,190	3.7	11-68		29	597	20
35-55-0025	5793638	1359770	11 7 62	16	13,766	539	305	3	19,420	4.3	12-67		42	792	33
35-55-0030	6032317	1397209	3 19 64	15	15,095	580	305	2	19,420	3.5	10-67		39	922	25
35-55-0033	5474721	1199324	1 8 62	27	14,475	552	305	4	18,655	3.7	11-67		44	1049	33
35-56-0027	6366286	1396885	7 12 64	27	16,665	632	305	2	20,180	3.7	12-67		34	696	23
35-56-0044	6460001	1462721	11 4 65	22	16,510	662	305	1	22,060	3.6	12-67		22	690	17
35-56-0050	6249611	1397209	10 6 64	26	18,360	680	305	2	23,805	3.7	1-68		39	1072	37
35-56-0050	5926091	1397209	11 5 63	30	18,023	671	305	3	22,506	3.5	11-67		41	1018	30
35-56-0050	5814338	1397209	12 29 62	29	17,086	652	305	3	19,316	3.9	9-67		41	744	27
35-56-0050	5883479	1397209	6 21 63	28	18,040	672	288	3	22,396	3.6	12-67	8	41	1004	32
35-56-0050	5850216	1397209	2 12 63	26	17,096	646	305	3	20,976	3.4	8-67		41	906	22
35-56-0057	5517982	1313975	11 4 61	14	15,440	595	302	5	19,642	4.1	12-67		36	744	40
35-56-0071	5271285	1355245	1 23 61	15	14,715	551	304	4	18,905	3.7	3-68		34	679	26
35-56-0088	5343638	1199324	11 5 60	21	12,460	459	300	5	15,568	3.8	11-67		44	902	34
35-56-0088	5537711	1199324	1 15 62	16	12,257	456	305	4	14,352	3.8	8-67		44	765	27
35-56-0088	5853370	1199324	8 17 61	16	12,557	464	305	4	16,002	3.4	12-67		44	935	26
35-56-0088	5568160	1313975	1 1 62	8	14,215	513	300	4	17,965	3.8	6-67		35	640	33
35-56-0088	6001154	1199324	7 20 62	20	13,283	481	283	3	13,830	3.5	4-67	6	42	594	17
35-56-0088	6001159	1199324	9 9 63	18	12,935	480	305	2	13,520	3.5	8-67		40	605	17
35-56-0088	6001153	1199324	7 9 62	19	12,956	478	290	3	13,706	3.6	7-67		42	614	18
35-56-0088	6001164	1330987	2 28 63	29	12,796	472	295	3	15,566	3.5	9-67		42	628	26
35-56-0088	6330575	1199324	7 24 63	19	12,520	469	297	3	13,306	3.6	8-67		42	613	18
35-56-0096	6540272	1298372	10 22 65	23	14,940	578	303	1	18,400	3.6	11-67		34	633	17
35-56-0275	6013941	1326862	1 16 63	12	14,556	532	305	3	18,143	3.4	10-67		37	626	18
35-56-0275	5543978	1326862	2 20 62	12	15,070	565	305	4	18,447	3.7	1-68		38	643	23
35-57-0017	5834339	1386406	2 21 63	16	13,010	479	299	3	15,620	3.7	9-67		42	639	25
35-57-0017	5982622	1386406	2 20 63	17	13,113	464	296	3	15,643	3.3	4-68		42	631	19
35-57-0017	5982623	1386406	3 7 63	17	13,053	465	305	3	19,446	3.8	4-68		42	1080	45
35-57-0039	5837014	1314767	2 22 63	19	13,000	469	304	3	18,766	3.7	10-67		42	875	36
35-57-0039	6280350	1395117	3 31 65	12	12,750	461	305	1	17,390	3.6	2-68		31	654	19
35-57-0042	5735379	1386406	9 29 62	18	15,422	570	305	4	19,612	3.6	12-67		43	878	31
35-57-0042	5980201	1329588	12 17 63	23	14,465	538	303	2	19,555	3.7	9-67		40	773	26

35-57-0053	5785784	1386406	12 22 62	17	14,875	536	305	4	17,167	3.8	654	4-68	43	635	29
35-57-0053	5785785	1386406	1 24 63	22	13,810	512	300	3	16,106	4.1	655	9-67	42	612	31
35-57-0053	6471865	1386406	9 11 64	26	14,050	532	305	2	17,805	3.7	662	11-67	40	741	28
35-57-0060	5387488	1327418	4 19 61	11	16,020	567	305	4	20,062	3.9	782	7-67	38	582	32
35-57-0077	5981428	1309948	9 11 63	26	16,686	633	305	3	21,096	4.2	886	11-67	41	829	39
35-57-0085	5970674	1245390	12 1 63	15	12,666	484	293	3	16,143	3.7	594	1-68	41	724	17
35-57-0085	5726644	1314767	12 15 62	18	12,423	476	302	3	15,970	3.9	619	10-67	42	613	27
35-57-0091	5692209	1395117	9 5 62	14	16,187	606	305	4	19,287	3.6	689	3-68	40	691	17
35-57-0105	5686399	1199324	7 7 62	28	16,176	645	305	3	18,860	3.9	744	3-67	42	873	30
35-57-0105	5769213	1404266	10 2 62	25	16,120	635	305	2	20,065	3.7	745	8-67	32	668	22
35-57-0105	5893833	1270685	3 28 63	22	15,936	627	305	3	20,303	3.8	769	9-67	39	625	29
35-57-0138	5877461	1199324	8 8 63	5	14,240	536	305	1	15,560	3.8	599	12-67	36	691	24
35-57-0138	5877460	1199324	8 8 63	5	14,240	536	305	1	14,710	3.4	496	12-67	36	627	17
35-57-0327	6186066	1199324	1 9 64	29	15,660	559	305	2	18,465	3.5	643	10-67	40	858	27
35-59-0012	6220441	1397209	7 27 64	28	13,305	471	304	2	15,685	3.7	574	10-67	39	703	24
35-59-0013	6577805	1306247	9 7 65	15	14,400	530	305	1	15,050	3.2	487	2-68	35	640	16
35-59-0014	6548579	1306247	9 17 65	11	15,690	554	305	1	17,530	3.2	562	1-68	34	746	18
35-59-0031	6401853	1344345	11 20 65	10	15,220	587	305	1	20,990	3.1	660	1-68	35	739	7
35-59-0087	6538724	1306247	10 9 65	10	14,510	530	305	1	15,510	3.4	533	12-67	34	672	18
35-59-0091	6107624	1386406	5 27 64	13	13,965	512	305	2	16,565	3.4	567	8-67	40	622	20
35-59-0100	6492427	1397209	9 20 65	8	13,200	491	305	1	16,420	3.5	571	10-67	35	732	21
35-59-0103	6266633	1386406	2 18 65	7	15,210	541	305	1	18,900	3.4	650	8-67	35	668	24
35-59-0105	6317750	1397209	12 18 64	18	17,180	593	305	2	19,810	3.6	704	10-67	39	769	26
35-59-0105	6478455	1306247	9 17 65	9	17,820	613	305	1	19,430	3.5	679	1-68	34	745	23
35-59-0114	6301163	1306247	3 6 65	8	14,215	484	297	2	15,700	3.5	557	1-68	38	713	24
35-59-0118	6271566	1397209	3 13 65	11	12,470	436	305	1	14,730	3.4	502	10-67	35	653	19
35-59-0119	6277655	1397209	3 5 65	15	16,640	603	305	2	22,095	3.2	713	3-68	39	1036	26
35-60-0032	6374389	1386406	1 24 64	17	16,343	581	305	3	19,450	3.1	609	1-68	42	735	18
35-60-0122	6610588	1306247	10 9 65	8	16,230	567	305	1	18,580	3.0	557	10-67	34	789	17
35-59-0123	6089037	1397209	2 18 64	8	12,505	443	300	2	14,635	3.6	522	6-67	38	630	20
35-60-0001	6571044	1448297	12 9 65	16	14,870	542	305	1	19,900	3.3	661	4-68	27	705	16
35-60-0025	6352398	1306247	7 24 65	14	14,580	538	305	1	18,300	3.4	627	1-68	34	882	25
35-60-0036	6169225	1406300	2 10 65	17	13,760	555	305	1	15,750	4.1	652	5-67	33	882	30
35-60-0039	6107591	1397209	8 29 64	16	13,330	501	305	2	18,180	3.7	670	3-68	29	698	23
35-60-0039	6570976	1397209	4 14 64	12	15,415	555	305	2	17,595	3.6	641	8-67	38	666	22
35-60-0049	6467420	1397209	1 21 66	12	14,890	551	305	1	16,430	3.6	594	2-68	35	597	18
35-60-0049	6203350	1329588	9 18 65	11	16,440	571	305	1	20,240	3.1	634	12-67	35	801	20
35-60-0051	6269681	1306247	7 2 64	16	15,740	543	305	2	20,540	3.6	730	10-67	40	757	26
35-60-0052	6253694	1418784	1 29 65	5	14,530	553	305	1	12,740	3.5	448	6-67	33	593	15
35-60-0052	6669648	1418784	10 9 64	19	12,730	462	305	1	18,200	3.7	665	6-67	23	722	24
35-60-0052	6669648	1418784	4 15 66	10	15,110	530	305	1	19,600	3.3	646	1-68	23	655	17
35-60-0053	6365998	1306247	7 6 65	6	14,680	485	305	1	15,650	3.4	525	9-67	33	809	25
35-60-0055	6536431	1306247	9 16 65	18	16,920	626	305	1	19,960	3.9	781	10-67	34	848	30
35-60-0064	5828464	1395524	2 28 63	14	14,980	571	305	3	18,376	4.1	752	9-67	32	633	33
35-60-0064	6042141	1395524	2 3 64	11	15,135	564	305	2	18,620	3.5	654	7-67	29	598	18

TABLE 5.—HIGH-RANKING PROGENY OF DHIA SIRE: HOLSTEIN—Continued

COW'S LAST HERD CODE	COW'S REGISTRATION NO.	COW'S SIRE REGISTRATION NO.	COW'S BIRTH DATE (Mo.) (Day) (Yr.)	HERDMATES			AVERAGE PRODUCTION OF COW					LAST CALVING		REPEAT- ABILITY (Pct.)	COW INDEX	
				NUM- BER	MILK (Lb.)	FAT (Lb.)	IN MILK (Days)	REC- ORDS	MILK (Lb.)	FAT (Pct.)	FAT (Lb.)	(Mo.) (Yr.)	CAR		MILK	FAT
35-60-0073	6323685	1259069	5 29 65	22	14,080	524	305	1	18,770	3.6	669	7-67		36	580	15
35-60-0089	6259681	1397209	10 27 64	13	16,040	606	297	2	18,240	3.6	659	2-68		39	693	20
35-60-0089	6332259	1383926	6 19 65	14	15,900	612	305	1	19,090	3.4	642	11-67		35	605	21
35-60-0089	6332258	1306247	6 3 65	13	15,000	573	305	1	19,370	3.3	637	7-67		33	1077	28
35-60-0089	6154712	1383926	9 29 64	17	15,955	609	305	2	19,580	4.1	802	3-68		39	683	37
35-60-0099	5342393	1308166	2 26 60	10	15,165	554	305	4	20,572	3.6	747	6-67		35	790	28
35-60-0107	6534475	1397209	8 1 65	16	13,610	490	305	1	15,690	3.5	545	8-67		34	608	18
35-60-0117	5972272	1309948	11 17 63	15	17,853	659	305	3	23,803	3.7	873	3-68		41	1025	35
35-60-0123	5969638	1421423	9 13 63	26	15,913	591	305	3	20,403	3.6	732	2-68		32	670	23
35-60-0123	6252043	1386406	2 18 65	38	17,935	649	297	2	21,935	3.2	705	1-68		40	806	22
35-60-0129	6116499	1386406	8 10 64	10	12,000	432	305	1	15,610	4.1	634	6-67		35	638	30
35-61-0014	6355965	1306247	2 12 65	5	14,240	538	305	1	19,360	3.8	744	8-67		33	1130	39
35-61-0210	5876259	1282185	4 16 63	8	13,356	503	257	3	17,786	3.6	646	8-67		42	620	19
35-62-0010	5036841	1245390	12 3 59	16	13,043	489	301	6	17,340	3.4	596	1-68		43	874	18
35-62-0012	5060195	1245390	1 17 60	16	13,255	484	302	6	16,601	3.4	561	9-67		43	752	14
35-62-0050	5062460	1245390	3 4 60	42	13,868	493	303	5	18,750	3.5	653	10-67		43	962	25
35-62-0071	6076372	1314767	11 24 63	25	13,820	487	300	2	17,730	3.4	605	11-67		40	627	23
35-63-0003	5172890	1350767	10 19 60	15	14,756	523	293	5	16,136	3.4	542	10-67		41	691	15
35-63-0014	5470668	1350767	11 18 61	8	12,257	454	295	4	13,257	3.6	482	7-67		40	608	15
35-63-0039	5286036	1350767	11 3 60	21	13,066	462	295	5	15,188	3.3	496	2-68		41	770	16
35-63-0040	6023886	1199324	9 5 63	17	14,055	517	295	2	17,665	3.7	649	11-67		40	924	31
35-63-0071	5249324	1245390	10 26 60	15	14,841	519	295	6	17,506	3.6	636	2-68		43	683	20
35-63-0105	6417967	1314767	7 3 65	10	15,610	544	305	1	21,670	3.5	754	10-67		36	709	28
35-63-0124	5581843	1305994	8 31 61	19	13,646	469	305	3	17,573	3.6	641	6-67		35	583	25
35-63-0125	5408897	1373055	3 24 65	9	12,290	427	305	1	16,580	3.8	628	9-67		35	643	19
35-65-0004	5414888	1350767	9 4 61	12	13,802	507	305	5	19,964	3.2	643	1-68		41	1331	31
35-65-0026	6326769	1222994	3 9 65	7	16,440	654	302	1	20,790	4.0	841	8-67		36	710	28
35-65-0086	5250680	1308883	11 3 60	6	12,720	471	301	4	15,425	4.0	612	7-67		35	742	28
35-65-0086	5537623	1308883	8 21 61	8	13,814	509	305	5	20,786	3.1	641	1-68		36	1405	28
35-65-0086	5537619	1308883	4 8 61	7	13,587	500	305	4	16,527	3.7	615	9-67		35	788	24
35-65-0087	5897707	1283917	8 20 63	31	14,496	544	305	3	19,453	3.3	644	9-67		42	883	12
35-65-0109	5733692	1199324	2 23 62	17	13,336	483	226	3	15,356	3.7	562	5-67	8	42	764	26
35-65-0114	5983886	1381974	9 13 63	24	14,485	534	302	2	26,610	3.8	1004	9-67		29	1579	61
35-65-0115	5951820	1314767	10 18 64	25	15,210	556	305	2	19,505	3.8	748	2-68		28	619	26
35-65-0126	5516915	1373055	6 18 63	6	14,930	590	305	3	20,610	3.5	727	2-68		42	888	28
35-65-0151	6235907	1406711	9 10 61	23	13,987	504	305	4	17,547	3.3	574	9-67		43	741	12
35-65-0168	6178039	1314767	12 11 64	17	13,110	474	305	1	17,130	3.5	597	5-67		35	806	32
35-65-0168	5526901	1282185	11 9 64	19	12,100	449	305	1	17,810	3.3	590	7-67		36	657	22
35-65-0168	5499680	1298815	12 23 61	17	13,288	482	305	5	19,510	3.2	629	1-68		44	907	21
35-65-0168	5499680	1298815	2 1 62	24	12,582	461	305	4	18,642	3.3	615	2-68		42	816	20
35-65-0169	5999569	1395117	1 23 63	12	13,113	473	305	3	17,280	3.2	561	8-67		38	765	15
35-65-0216	6390203	1386406	2 15 65	12	14,070	520	293	2	18,285	3.3	608	4-68		40	788	24
35-65-0218	5802542	1401892	1 1 63	25	13,300	553	305	3	21,336	3.5	752	7-67		32	1263	36
35-65-0254	4975824	1010936	9 16 59	13	13,580	500	304	5	16,740	3.7	627	7-67		44	585	26
35-65-0254	6214926	1386406	8 14 64	14	14,995	530	305	2	17,195	3.9	673	3-68		40	592	29

35-65-0267	5540640	1308883	3	22	60	9	14,828	525	305	5	18,452	3-2	586	4-68	36	920	17
35-65-0308	6302729	1242221	5	5	65	10	14,260	527	305	1	20,620	3-5	724	9-67	32	1158	39
35-66-0010	5284719	1087974	10	29	60	6	14,988	601	304	5	17,748	3-7	654	8-67	44	714	21
35-66-0011	5352930	1274657	1	7	61	5	14,234	554	295	5	18,008	3-5	631	3-67	36	704	15
35-66-0011	5352929	1274657	1	6	61	5	13,956	529	305	5	17,810	3-5	621	11-66	36	712	17
35-67-0002	6153771	1386406	8	10	64	30	14,965	544	305	2	20,390	3-4	701	10-67	40	921	31
35-67-0002	5779818	1386406	6	5	62	30	15,865	568	302	2	19,225	3-9	751	1-68	40	719	34
35-67-0002	5714228	1233483	9	16	62	28	14,327	525	296	4	19,400	3-6	697	9-67	42	776	23
35-67-0004	5997622	1385098	12	2	63	14	15,660	546	299	3	20,630	3-2	667	3-68	32	751	17
35-67-0005	5844280	1199324	12	26	62	5	13,780	501	302	3	16,920	3-9	662	10-67	42	898	35
35-67-0022	5940601	1395846	11	26	63	10	13,923	501	302	3	18,473	3-3	608	3-68	33	742	15
35-67-0023	5133488	1314046	7	24	60	9	13,644	480	305	5	17,528	3-7	656	7-67	38	589	28
35-67-0024	6240257	1417208	12	6	64	31	13,260	476	305	1	17,740	3-2	566	9-67	35	686	22
35-67-0042	5313800	1293580	9	6	60	12	15,836	589	305	5	21,938	3-4	744	1-68	44	597	18
35-67-0052	5011198	1236789	11	12	59	26	13,186	487	305	5	16,784	3-3	554	8-67	44	786	19
35-67-0054	5322821	1236789	5	26	60	16	15,966	564	299	6	18,780	3-9	728	10-67	44	720	33
35-67-0061	6080723	1404872	6	9	63	13	15,360	546	305	3	21,466	3-3	719	2-68	32	1010	29
35-67-0061	6050524	1404872	4	9	63	16	13,893	508	305	3	17,870	3-3	586	9-67	32	699	15
35-67-0061	5830201	1390812	4	4	63	10	13,983	498	305	3	19,223	3-4	652	10-67	32	857	24
35-67-0071	5876166	1386406	4	14	63	12	13,436	473	302	3	15,836	3-4	540	10-67	42	619	21
35-67-0074	5335880	1336033	1	4	61	21	15,374	546	304	5	19,534	3-1	604	3-68	43	811	11
35-67-0074	5248988	1309948	1	7	61	24	14,722	527	305	5	18,278	3-4	620	11-67	43	748	21
35-67-0078	6531321	1417488	10	13	64	10	14,235	538	305	2	18,875	3-7	689	11-67	31	695	23
35-67-0084	6090681	1400575	5	21	64	13	13,715	492	305	2	16,745	3-1	515	9-67	38	740	6
35-67-0084	6182897	1236789	7	12	64	14	13,780	489	305	2	16,550	3-6	601	10-67	40	631	23
35-67-0084	6367271	1236789	7	1	65	13	13,570	464	305	1	17,500	3-5	617	10-67	35	667	24
35-68-0026	5606059	1154946	7	12	62	10	15,292	584	304	4	19,340	3-8	733	7-67	44	714	23
35-68-0029	5550455	1352060	7	2	61	30	14,998	532	302	5	18,990	3-3	636	2-68	35	736	19
35-68-0029	6248961	1241696	11	12	64	31	14,665	524	305	2	20,170	3-5	698	4-68	30	762	25
35-68-0029	6100504	1386406	2	27	64	32	13,100	467	305	2	18,555	3-4	630	6-67	40	905	31
35-68-0029	5111252	1269315	5	8	60	33	14,427	522	305	4	19,165	3-3	635	6-67	35	756	17
35-68-0059	5612682	1399380	10	14	64	5	13,070	508	305	2	17,265	3-7	637	2-68	30	715	21
35-68-0059	5706589	1199324	2	11	63	7	12,110	462	305	3	15,566	3-6	562	8-67	33	622	18
35-68-0095	6572715	1386406	8	13	62	6	13,247	487	294	4	14,962	3-4	511	1-68	44	730	19
35-68-0139	6116891	1431720	12	4	65	5	15,300	580	305	1	18,500	3-3	609	2-68	35	632	18
35-68-0193	6327419	1306247	4	13	65	11	15,280	559	305	2	21,335	3-1	665	9-67	38	1093	18
35-69-0001	6461389	1306247	11	21	65	5	13,660	480	305	1	18,570	3-4	629	9-67	34	854	23
35-69-0018	6522257	1306247	10	16	65	35	13,200	486	305	1	17,300	3-5	602	9-67	34	585	22
35-69-0029	6208005	1398216	3	28	64	13	15,900	569	305	2	20,285	3-6	727	11-67	39	901	26
35-69-0029	5912767	1330987	9	23	63	16	15,523	541	305	3	19,440	3-4	664	9-67	42	792	32
35-69-0033	6074928	1199324	1	15	64	24	15,145	546	305	2	17,090	3-6	618	7-67	40	766	25
35-69-0033	6064417	1199324	12	26	63	28	15,160	548	305	2	19,380	3-8	728	5-67	40	997	36
35-69-0033	5820872	1199324	6	17	62	12	14,650	532	305	4	16,282	3-7	596	8-67	44	737	25
35-69-0039	6055444	1397209	3	5	64	9	14,145	531	305	2	17,960	3-9	694	4-68	39	840	31

TABLE 5.—HIGH-RANKING PROGENY OF DHIA SIRES: HOLSTEIN—Continued

COW'S LAST HERD CODE	COW'S REGISTRATION NO.	COW'S SIRE REGISTRATION NO.	COW'S BIRTH DATE (Mo.) (Day) (Yr.)	HERDMATES			AVERAGE PRODUCTION OF COW				LAST CALVING		REPEAT- ABILITY (Pct.)		COW INDEX	
				NUM- BER	MILK (Lb.)	FAT (Lb.)	IN MILK (Days)	REC- ORDS	MILK (Lb.)	FAT (Pct.)	(Mo.) (Yr.)	CAR			MILK	FAT
35-69-0039	6298714	1306247	1 15 65	10	11,410	415	305	1	15,160	4.2	638	7-67	33	33	1001	39
35-69-0052	6426885	1386406	11 13 65	19	18,220	663	305	1	22,110	3.3	735	1-68	35	35	706	22
35-69-0062	6336021	1397209	1 19 65	10	12,210	448	305	1	15,560	3.9	600	9-67	35	35	734	26
35-69-0065	6799155	1306247	7 16 65	17	12,820	439	305	1	13,890	3.5	484	2-68	35	35	660	21
35-69-0073	6209313	1397209	8 28 64	17	13,415	506	302	2	14,780	3.9	576	11-67	39	39	599	21
35-71-0011	5749366	1370630	1 1 62	27	16,607	588	300	4	19,582	3.3	651	2-68	35	35	599	15
35-71-0011	5696337	1370630	11 18 61	21	15,630	536	305	4	20,622	3.6	739	6-67	35	35	874	35
35-71-0011	5585548	1370630	1 1 62	22	15,080	542	302	4	18,635	3.5	656	10-67	35	35	660	22
35-71-0011	6359384	1370630	11 26 64	28	17,190	615	305	2	21,345	3.2	691	1-68	30	30	676	15
35-71-0011	6436270	1370630	5 1 64	20	14,985	547	302	2	19,235	3.3	643	9-67	30	30	661	17
35-71-0011	6064497	1370630	8 6 63	25	16,653	594	302	3	20,513	3.6	738	12-67	33	33	689	25
35-71-0011	6064502	1370630	9 11 63	27	16,070	581	305	3	20,393	3.5	719	11-67	33	33	744	24
35-71-0011	5899812	1370630	12 20 61	23	16,804	580	294	5	20,534	3.4	693	3-68	36	36	732	22
35-71-0013	5518183	1306247	5 15 65	7	15,320	529	305	1	17,770	3.2	564	7-67	33	33	930	25
35-71-0016	6329873	1397209	10 18 64	16	13,640	470	299	2	15,280	3.1	481	4-68	39	39	610	15
35-71-0016	6876649	1417360	10 14 65	22	14,190	480	305	1	19,300	3.2	626	10-67	25	25	642	17
35-71-0017	6383428	1383926	5 9 65	6	14,310	518	305	1	17,860	3.6	638	8-67	34	34	587	26
35-71-0017	6300567	1306247	2 9 65	7	14,430	517	305	1	13,490	4.0	534	6-67	33	33	659	24
35-71-0017	6511621	1306247	8 28 65	16	14,670	520	296	1	15,240	3.2	481	9-67	34	34	640	15
35-71-0025	6495107	1375016	9 18 65	7	14,520	512	299	1	19,560	3.3	636	10-67	24	24	667	16
35-71-0025	6495104	1375016	9 10 65	7	13,360	480	297	1	18,380	3.8	693	8-67	24	24	673	24
35-71-0025	5537277	1375016	10 20 61	33	14,320	536	305	4	17,572	3.6	628	6-67	35	35	696	19
35-71-0025	5537278	1375016	11 11 61	35	13,626	503	305	5	16,538	3.8	635	4-68	36	36	629	24
35-71-0025	5537281	1375016	3 17 62	9	14,305	523	296	4	18,552	3.2	589	9-67	35	35	816	15
35-71-0025	6202396	1375016	9 17 64	5	14,520	575	305	1	21,170	3.4	710	6-67	24	24	849	19
35-71-0025	6202405	1375016	10 19 64	5	14,520	575	305	1	21,760	3.3	717	6-67	24	24	902	19
35-71-0025	6202410	1375016	11 18 64	5	14,520	575	305	1	21,440	3.3	703	6-67	24	24	873	18
35-71-0047	6096356	1303184	5 5 64	22	13,830	487	299	1	17,190	3.3	559	9-67	27	27	612	16
35-71-0054	5576028	1233483	1 31 62	10	15,530	533	300	4	20,795	3.1	640	8-67	42	42	816	15
35-71-0071	6316297	1397209	12 30 64	13	14,960	549	305	2	19,005	3.4	644	2-68	39	39	873	24
35-71-0088	6202402	1375016	10 13 64	14	14,970	501	305	1	18,620	3.3	608	6-67	24	24	586	15
35-72-0008	6344967	1412565	11 7 64	32	13,290	495	305	1	20,210	3.6	733	9-67	23	23	670	24
35-72-0024	6277709	1344345	1 6 65	15	12,750	467	305	1	18,740	3.5	650	7-67	35	35	752	15
35-72-0024	6412452	1306247	8 25 65	12	11,820	457	305	1	16,010	3.9	619	11-67	34	34	897	30
35-72-0030	6454660	1306247	8 14 65	18	13,880	504	305	1	16,030	3.5	564	10-67	34	34	756	22
35-72-0048	6175129	1306247	12 5 64	5	16,690	629	277	1	20,680	3.5	721	4-68	35	35	913	26
35-73-0001	6197084	1428104	8 24 64	20	13,190	458	305	1	19,090	3.4	643	6-67	28	28	1024	26
35-73-0001	6197085	1428104	10 19 64	33	14,505	529	299	2	16,530	3.6	599	11-67	34	34	701	18
35-73-0001	6220930	1428104	7 7 64	32	14,660	535	305	2	23,575	3.4	796	1-68	34	34	1471	39
35-73-0001	5458919	1377052	12 4 61	18	13,850	489	296	3	17,196	3.4	584	4-67	39	39	616	18
35-73-0001	6365877	1242221	7 21 65	24	14,870	544	305	1	21,010	3.3	703	1-68	32	32	1146	36
41-02-0018	5764504	1199324	6 3 62	8	13,990	482	304	3	16,140	3.5	560	5-67	42	42	786	26
41-03-0072	6297565	1265694	11 1 64	15	13,710	494	305	1	18,630	3.2	595	12-67	35	35	774	11
41-03-9085	6370126	1391280	9 19 65	5	19,840	759	305	1	29,120	3.6	1044	11-67	24	24	1034	28
41-05-9035	5811836	1398028	5 21 63	17	14,513	502	300	3	17,823	3.4	605	2-68	34	34	694	20

41-05-9035	6406464	1427872	7 16 65	12	14,970	520	305	1	21,610	3.1	670	12-67	22	768	17
41-05-0048	5579980	1365341	10 10 61	25	12,678	455	296	5	14,196	3.3	469	9-67	41	654	16
41-05-0061	5731728	1311429	1 1 63	17	11,966	428	293	3	15,223	3.5	526	10-67	42	804	17
41-06-0041	6563016	1386406	11 9 65	38	13,870	501	305	1	16,600	3.3	554	11-67	35	586	19
41-06-0041	6563017	1386406	11 13 65	27	14,570	506	305	1	17,680	4.4	773	1-68	35	620	36
41-06-0041	6085949	1384982	1 22 64	23	14,250	515	305	2	19,645	3.4	662	12-67	29	728	21
41-07-9005	6411580	1422506	10 29 65	5	14,140	476	305	1	21,000	3.1	660	9-67	30	778	26
41-07-9005	6411579	1406271	10 13 65	11	15,200	503	305	1	17,010	3.5	590	7-67	35	655	30
41-07-9029	6436190	1406271	10 10 65	16	15,880	577	305	1	18,750	3.6	681	12-67	35	740	32
41-07-9029	6095187	1415744	1 22 64	15	14,920	546	305	2	21,080	3.5	739	8-67	32	749	26
41-07-0094	6439400	1309948	2 27 65	32	15,600	531	305	1	21,380	3.4	718	11-67	34	761	23
41-07-0094	6237910	1398216	10 10 64	23	14,755	510	305	2	18,525	3.2	599	2-68	39	725	17
41-08-0012	6439032	1329588	2 19 64	9	10,700	426	305	2	14,565	3.8	554	11-67	40	611	19
41-08-0053	5976100	1210507	9 19 63	24	17,470	658	295	3	20,963	3.4	715	9-67	41	898	14
41-10-0009	6260641	1291784	10 6 64	16	14,370	540	300	2	18,670	3.5	658	9-67	40	716	25
41-10-0035	5910702	1408300	8 27 63	28	13,493	508	300	3	17,760	3.8	672	9-67	32	664	28
41-10-0035	6218691	1288610	9 16 64	32	14,585	560	298	2	18,560	3.7	688	11-67	40	587	15
41-10-0042	5953659	1415704	11 7 63	20	14,850	538	300	3	17,730	3.5	613	10-67	32	602	18
41-10-0042	5784009	1415704	2 18 63	16	14,826	541	300	3	18,226	3.6	650	1-68	32	653	22
41-10-9062	5811834	1398028	4 18 63	15	14,396	552	304	3	18,570	3.7	682	1-68	34	806	25
41-10-9062	5989301	1199324	10 11 63	21	13,330	519	305	1	16,420	3.9	635	9-67	36	816	28
41-10-9062	5990207	1199324	12 20 63	13	12,745	478	295	2	15,185	3.5	533	7-67	40	792	23
41-10-9065	6219360	1329588	9 21 64	7	14,750	551	302	2	17,725	4.0	709	11-67	40	589	23
41-10-9065	6013173	1398028	1 28 64	17	14,770	561	295	2	18,680	3.5	650	1-68	31	730	18
41-10-9066	5337677	1271075	3 14 61	9	14,930	569	305	4	16,565	3.9	643	11-66	43	652	25
41-10-9066	4502481	1271075	11 27 57	8	14,697	579	305	4	21,300	3.9	828	5-67	43	1268	47
41-10-9066	4872095	1271075	11 19 58	10	14,442	552	305	4	18,185	3.8	689	11-66	43	908	33
41-10-9068	5286079	1199324	12 6 60	10	15,290	555	305	4	18,697	3.6	671	3-67	44	964	31
41-10-9068	6047886	1199324	7 15 63	18	16,055	595	305	2	22,370	4.0	894	12-67	40	1219	49
41-10-9068	6208176	1294703	12 11 64	10	15,070	559	305	1	17,440	3.9	686	7-67	35	627	20
41-10-0168	5571756	1199324	3 23 61	23	12,085	442	282	4	13,112	3.5	461	10-67	44	630	18
41-10-0179	6557598	1417208	10 17 65	11	14,020	528	305	1	17,220	3.6	613	1-68	35	595	22
41-10-0202	6502886	1311429	9 1 65	9	14,590	545	305	1	17,690	3.6	643	1-68	35	729	15
41-10-9230	6400569	1417208	9 27 65	8	16,190	613	300	1	20,240	3.9	788	11-67	35	675	29
41-13-0009	6420084	1386406	12 20 64	12	14,640	565	305	1	21,340	3.7	797	6-67	35	891	33
41-13-9044	6518411	1359626	11 27 65	23	16,520	597	305	1	21,320	3.3	695	1-68	33	634	15
41-13-9044	6244452	1396885	4 8 64	24	14,810	538	305	2	20,135	3.2	641	10-67	34	879	22
41-17-0002	6803471	1411230	11 12 65	24	15,090	509	305	1	20,460	3.2	662	2-68	31	616	22
41-17-0002	5909066	1289574	10 2 63	20	14,526	507	280	3	19,050	3.4	655	10-67	42	590	19
41-17-0021	5964766	1199324	12 9 63	14	15,195	554	302	2	17,520	4.0	693	2-67	40	805	32
41-17-0021	6145952	1199324	6 27 64	14	15,545	553	282	2	18,555	3.1	584	6-67	40	878	21
41-17-0021	6360445	1199324	8 20 64	14	16,165	594	305	2	17,605	3.6	639	11-67	40	725	23
41-17-0036	5956897	1390677	11 1 63	15	13,403	491	305	3	17,996	3.4	615	11-67	33	708	17
41-19-0004	6365979	1411230	5 15 65	5	12,110	486	305	1	19,130	3.4	654	6-67	29	720	22
41-19-9007	6439405	1311429	8 11 64	9	13,835	497	305	2	18,080	3.5	638	11-67	40	894	21

TABLE 5.—HIGH-RANKING PROGENY OF DHIA Sires: HOLSTEIN—Continued

COW'S LAST HERD CODE	COW'S REGISTRATION NO.	COW'S SIRE REGISTRATION NO.	COW'S BIRTH DATE (Mo.) (Day) (Yr.)	HERDMATES			AVERAGE PRODUCTION OF COW				LAST CALVING		REPEAT- ABILITY (Pct.)	COW INDEX	
				NUM- BER	MILK (Lb.)	FAT (Lb.)	IN MILK (Days)	REC- ORDS	MILK (Lb.)	FAT (Pct.)	(Mo.) (Yr.)	CAR		MILK	FAT
41-19-9039	6018428	1248558	11 18 63	22	15,050	537	305	2	23,290	3.1	9-67		32	1000	25
41-19-9039	6018430	1248558	1 30 64	29	15,870	559	305	1	22,210	3.4	10-67		27	600	21
41-19-9064	5994149	1386406	7 7 63	25	12,735	481	305	2	17,300	3.6	7-67		40	810	28
41-19-9077	5875190	1259069	1 12 63	19	15,410	569	303	3	20,200	3.7	10-67		42	776	25
41-19-0110	6308199	1283917	12 26 64	26	13,105	475	305	2	18,315	3.0	1-68		40	837	7
41-19-9135	6280281	1223243	1 5 65	26	18,875	679	305	2	28,770	3.2	2-68		40	1345	36
41-19-9135	6430900	1311429	10 20 65	26	18,380	681	305	1	21,910	3.4	12-67		35	790	12
41-19-9135	6430898	1311429	8 25 65	31	18,460	665	288	1	20,580	3.6	10-67		35	684	15
41-19-9135	6430899	1311429	9 9 65	31	18,460	665	305	1	21,300	3.3	10-67		35	739	12
41-19-0206	6506417	1330987	8 18 64	15	15,360	582	299	2	19,470	3.4	10-67		40	765	26
41-19-0206	6506419	1330987	11 13 64	33	15,290	580	305	1	18,830	3.9	4-67		36	626	31
41-19-0206	6506425	1398216	11 23 64	33	15,230	581	305	1	19,960	3.2	4-67		35	755	15
41-19-0206	6848204	1273756	8 22 65	10	16,540	614	305	1	19,750	3.3	12-67	0	36	651	23
41-19-0210	5789662	1199324	4 8 63	26	13,673	511	305	3	16,506	3.6	7-67		42	861	27
41-19-0210	5489252	1199324	11 7 61	24	14,390	537	305	2	18,930	3.7	9-67		40	1022	34
41-19-0225	6267118	1291784	5 2 64	8	16,605	619	305	2	19,575	3.6	11-67		40	603	22
41-20-0005	6450357	1365341	11 5 65	36	13,760	511	280	1	16,230	3.4	12-67		30	700	19
41-20-0005	6023269	1210507	12 30 63	38	13,220	492	305	2	18,320	3.3	10-67		39	986	17
41-20-0005	6217444	1210507	12 21 64	24	13,360	504	305	1	17,520	3.5	8-67		35	808	13
41-20-0006	6450356	1365341	11 2 65	43	15,160	561	290	1	18,060	3.3	12-67		30	747	18
41-20-0015	5540036	1384519	1 23 62	20	13,630	487	219	3	17,803	3.8	6-67	8	33	598	27
41-20-0143	5604023	1199324	3 5 62	8	14,040	482	298	2	16,610	3.7	7-67		40	818	30
41-21-0006	6253070	1423371	11 14 64	14	14,730	582	288	2	19,505	3.8	737		30	726	22
41-21-0008	6504793	1330597	9 22 65	23	15,380	581	305	1	19,380	3.7	10-67		34	628	22
41-21-0017	6460765	1365341	11 4 65	24	13,800	508	282	1	15,900	3.5	10-67		30	670	19
41-21-0017	6126676	1265694	9 2 64	20	13,385	504	305	2	18,015	3.3	12-67		40	848	13
41-22-9015	5566466	1291838	1 1 62	8	15,415	580	304	4	19,567	3.8	10-67		36	674	30
41-22-9015	5992754	1390630	10 7 63	13	15,710	581	305	2	21,545	4.1	1-68		29	800	41
41-22-0063	6075986	1370250	10 15 63	5	14,000	514	305	2	19,900	3.7	8-67		29	870	31
41-22-0118	6236826	1311429	9 9 64	15	14,945	538	305	2	17,640	3.4	10-67		40	747	13
41-22-0118	6509042	1311429	9 24 65	13	14,270	514	305	1	18,530	3.5	8-67		35	814	17
41-22-0118	6509043	1311429	9 28 65	19	14,580	522	305	1	18,430	3.0	9-67		35	786	9
41-22-0120	5967555	1291499	11 24 63	12	16,105	570	305	2	22,620	3.6	12-67		40	593	22
41-23-0078	5972844	1287090	7 9 62	15	13,743	501	297	3	21,260	3.3	2-68		42	722	28
41-23-0091	5975604	1386406	12 5 62	20	14,260	498	305	1	19,603	3.2	12-67		42	972	28
41-23-0107	5669076	1354694	10 10 62	5	13,150	473	300	3	20,093	3.8	12-67		32	984	39
41-23-0118	5884396	1291724	10 24 62	21	13,810	510	292	3	17,766	3.4	11-67		39	750	20
41-23-0233	6223827	1386406	10 28 62	17	15,100	519	304	3	18,690	3.5	9-67		42	777	29
41-23-0233	6167400	1386406	10 7 64	17	15,230	533	305	2	18,340	4.1	10-67		40	687	36
41-24-0168	6556625	1365341	12 30 65	12	10,670	377	305	1	12,270	4.0	3-68		31	637	26
41-24-0181	6205523	1311429	9 1 64	9	13,160	474	305	1	16,950	3.4	9-66		35	747	14
41-24-0185	5990933	1385623	9 13 63	11	14,495	510	305	2	18,870	3.2	2-68		29	703	16
41-25-9012	6521918	1347065	11 8 65	5	15,620	566	305	1	23,650	3.7	2-68		36	677	22
41-25-9012	6300443	1398216	12 18 64	7	15,070	546	305	1	17,610	3.9	6-67		35	586	20
41-25-0065	6581120	1440201	10 7 65	10	14,690	520	305	1	20,360	3.4	12-67		24	713	19

41-25-0065	6221534	1440201	8	9	64	16	14,175	501	299	2	17,650	3.4	592	12-67	29	603	15
41-25-0128	6351625	1417208	4	24	65	5	14,180	533	305	1	17,000	3.7	627	7-67	35	593	23
41-25-0159	5522008	1199324	3	20	61	8	13,814	494	305	5	16,648	3.8	629	12-67	44	884	34
41-25-0159	5866180	1199324	12	10	62	8	14,273	518	305	3	16,713	3.4	566	11-67	42	823	23
41-25-0267	5357957	1272864	4	12	61	10	16,870	636	291	5	22,404	3.8	841	1-68	39	1102	41
41-25-9369	6271659	1390677	10	16	64	10	14,560	536	305	2	19,580	3.4	658	1-68	30	710	15
41-25-9380	6251897	1398216	10	26	64	11	12,650	498	292	2	14,885	4.0	596	11-67	39	581	18
41-25-0392	6294415	1265694	12	22	64	16	14,925	571	305	2	21,325	3.5	741	1-68	40	1044	22
41-25-0480	5429109	1199324	10	6	61	17	15,390	558	304	4	17,050	3.6	607	1-68	44	749	23
41-25-0480	5972402	1398216	12	13	63	5	12,265	444	305	2	14,580	4.1	592	9-67	39	586	23
41-27-9004	5409583	1350190	8	1	61	15	15,812	574	305	4	20,982	3.3	698	10-67	44	853	18
41-27-0046	6230117	1311429	1	6	65	9	14,585	515	301	2	18,595	3.3	605	1-68	40	877	16
41-27-0238	6019293	1199324	12	29	63	16	14,175	525	266	2	14,870	4.1	609	6-67	40	629	26
41-27-0260	5977763	1199324	7	5	62	8	7,830	291	305	1	8,520	3.6	307	6-67	36	596	19
41-27-0260	5320155	1199324	11	3	60	8	8,465	303	305	2	9,470	3.5	329	9-67	40	603	18
41-27-0261	6153706	1330987	11	10	64	18	13,470	487	290	1	17,020	3.5	596	9-67	35	614	27
41-27-0272	5034210	1320301	9	8	59	8	16,815	623	300	6	20,488	3.8	784	12-67	36	771	31
41-27-0272	6364253	1330987	8	17	65	11	19,050	711	305	1	23,390	3.9	911	11-67	36	714	35
41-30-0004	5975794	1210507	12	16	63	21	14,195	516	305	2	19,585	3.1	612	10-67	39	1026	15
41-30-0017	5989075	1391128	10	9	63	15	14,666	518	301	3	20,056	3.2	649	11-67	33	653	16
41-30-0028	6450537	1265694	1	6	64	9	13,035	454	305	2	16,870	3.7	628	9-67	40	763	21
41-34-0008	5944376	1289574	10	16	63	17	13,595	469	299	2	19,155	3.3	626	10-67	40	626	17
41-34-0056	5226081	1271075	11	7	60	12	14,894	537	288	5	16,368	3.5	566	2-67	44	634	19
41-34-0056	5777153	1199324	2	5	63	10	14,446	526	305	3	16,893	4.0	676	5-67	42	826	35
41-34-9122	6235893	1259069	11	8	64	29	15,685	571	294	2	19,485	3.4	669	12-67	40	619	15
41-40-0005	6495665	1406271	9	8	65	16	15,950	570	305	1	17,160	4.1	704	10-67	35	602	33
41-40-9041	5709424	1398116	9	7	62	66	13,953	512	301	3	17,363	3.6	628	9-67	36	700	28
41-40-9041	5709423	1398116	8	22	62	76	13,820	507	305	2	17,855	3.6	640	6-67	32	705	27
41-40-9041	5554485	1377315	12	26	61	60	12,550	469	305	2	17,180	3.1	583	5-67	31	709	16
41-40-9041	5554484	1377315	12	26	61	58	13,240	492	305	2	18,920	3.1	589	5-67	31	840	14
41-40-9041	5574336	1381770	1	19	62	71	13,407	492	305	4	17,567	3.6	637	6-67	40	859	25
41-40-9041	5554481	1377315	11	11	61	53	13,395	488	299	4	18,075	3.1	554	2-68	39	782	11
41-40-9041	5928622	1363393	7	5	63	50	14,365	525	298	2	19,040	3.5	671	12-67	36	998	30
41-40-9041	6007301	1377315	9	21	63	52	14,170	522	295	3	19,110	3.8	718	12-67	37	832	28
41-40-9041	6007302	1377315	12	1	63	60	14,186	521	286	3	18,493	3.1	570	11-67	37	752	9
41-40-9041	6347668	1363393	6	21	65	51	14,980	562	303	1	18,440	3.4	623	12-67	31	808	20
41-40-9041	6347664	1430168	6	11	65	53	14,650	547	305	1	19,470	3.6	704	2-68	31	631	19
41-40-9041	6347666	1411230	6	15	65	86	14,570	542	305	1	21,570	3.5	762	10-67	29	739	27
41-42-0027	5448341	1386406	7	9	61	26	16,230	565	305	3	18,413	3.5	650	9-67	42	627	24
41-42-0027	6461104	1447461	3	19	65	14	15,810	538	305	1	22,640	3.5	794	7-67	22	706	25
41-42-0027	6113739	1329588	11	25	63	18	16,376	581	305	3	21,103	3.2	681	1-68	42	815	19
41-45-9006	5594845	1354656	12	19	61	7	11,847	412	303	4	16,957	3.1	526	7-67	35	926	20
41-45-9006	5577406	1354656	3	4	62	12	12,557	435	298	4	16,482	3.3	541	9-67	35	766	20
41-45-9006	5577405	1354656	1	24	62	9	12,530	440	305	4	15,545	3.7	577	12-67	35	635	24
41-45-9006	5577401	1354656	12	11	61	10	11,862	411	305	4	16,125	3.2	517	8-67	35	804	19

TABLE 5.—HIGH-RANKING PROGENY OF DHIA Sires: HOLSTEIN—Continued

COW'S LAST HERD CODE	COW'S REGISTRATION NO.	COW'S SIRE REGISTRATION NO.	COW'S BIRTH DATE (Mo.) (Day) (Yr.)	HERDMATES			AVERAGE PRODUCTION OF COW				LAST CALVING		REPEAT- ABILITY (<i>r₁₂</i>)	COW INDEX	
				NUM- BER	MILK (Lb.)	FAT (Lb.)	IN MILK (Days)	REC- ORDS	MILK (Lb.)	FAT (Pct.)	(Mo.) (Yr.)	CAR		MILK	FAT
41-45-9006	5577400	1354656	10 11 61	11	12,400	4.26	305	4	15,207	3.3	10-67		35	603	16
41-45-9006	5594844	1354656	10 20 61	11	12,142	4.18	298	4	16,720	3.3	9-67		35	853	24
41-45-0052	6548004	1311429	9 25 65	17	13,260	5.08	282	1	16,650	3.8	11-67		35	741	17
41-45-9100	6540479	1311429	12 30 65	9	15,410	5.25	305	1	19,770	3.5	11-67		35	830	20
41-45-0118	6058667	1433244	1 31 64	6	11,945	4.36	305	2	17,795	3.3	10-67		30	689	15
41-46-0005	5912733	1348835	11 30 61	21	11,917	4.51	305	4	15,040	4.0	9-67		33	581	25
41-46-0005	5849590	1348835	11 20 61	20	12,276	4.60	298	3	15,600	3.5	8-67		32	590	17
41-46-9022	5306956	1359770	7 30 60	24	14,210	5.24	305	4	19,677	3.5	8-67		44	820	19
41-46-9028	5341463	1365341	2 8 61	17	14,316	5.08	305	3	17,060	3.4	9-67		37	796	23
41-46-9034	5582624	1305460	1 1 62	9	16,983	6.42	305	3	21,743	3.7	9-67		42	704	19
41-46-9034	6011919	1416711	1 11 64	5	15,965	5.85	305	2	22,920	3.3	11-67		39	779	15
41-46-9035	6284576	1406271	12 10 64	17	14,090	4.31	305	1	18,490	3.1	8-67		35	842	34
41-46-9035	6284578	1406271	12 18 64	13	13,270	4.19	305	1	16,630	3.0	7-67		35	757	29
41-46-9035	6284579	1406271	1 20 65	15	14,220	4.42	305	1	21,330	3.7	11-67		35	1048	49
41-46-9090	5860466	1266826	1 30 63	15	13,373	4.85	305	3	17,453	3.7	1-68		34	643	23
41-46-9090	5873819	1283917	3 6 63	20	12,875	4.66	302	2	17,295	3.2	12-67		40	754	9
41-46-0171	6454292	1259069	10 11 65	17	14,190	5.18	305	1	20,580	3.6	11-67		36	707	21
41-46-9172	5284136	1291724	2 24 61	16	14,492	4.99	305	4	17,367	3.5	10-67		41	646	23
41-46-9172	5284135	1291724	12 26 60	8	14,760	5.08	292	4	18,520	3.3	8-67		41	764	23
41-46-0198	5975822	1283917	11 28 63	19	13,960	5.04	305	2	19,535	3.1	11-67		40	882	12
41-46-0198	6227776	1289574	11 3 64	13	13,700	4.89	294	2	19,810	3.5	2-68		40	683	23
41-46-0370	6484952	1272307	4 30 58	12	15,070	5.32	305	6	18,283	3.7	2-68		36	696	29
41-47-0165	6414111	1406271	7 22 65	27	16,470	6.07	305	1	17,980	3.4	11-67		35	642	24
41-47-0174	6561489	1458744	7 13 65	17	13,240	4.80	305	1	17,200	3.2	1-68		26	764	20
41-47-0174	6183143	1288610	9 9 64	14	14,040	5.01	305	1	21,320	3.4	5-67		35	735	18
41-47-0201	6497396	1311429	12 23 64	24	17,500	6.25	305	1	21,760	3.2	5-67		35	815	14
41-48-0031	5773654	1365341	1 1 63	24	13,500	4.77	303	3	18,036	3.4	10-67		37	1011	30
41-48-0031	5707714	1365341	12 4 62	9	13,300	4.77	305	3	16,173	3.6	7-67		36	740	25
41-49-9010	6561489	1388747	7 20 65	10	17,130	5.62	305	1	22,230	3.1	11-67		24	642	16
41-49-0020	6186765	1383626	12 12 64	16	15,835	5.87	293	2	22,350	3.3	1-68		39	708	18
41-49-0037	5762504	1390630	10 9 62	14	15,240	5.48	305	3	19,070	3.6	9-67		32	613	24
41-49-0037	5762502	1390630	9 20 62	11	15,765	5.72	298	4	20,810	3.5	11-67		34	833	28
41-49-0075	5975179	1366952	11 6 63	21	15,520	5.64	280	2	20,195	3.5	10-67		30	613	19
41-49-0076	5764434	1388747	2 12 63	6	13,213	4.68	305	3	17,530	3.5	6-67		32	712	23
41-50-0009	5627989	1386406	5 19 62	7	12,386	4.35	305	3	16,206	3.8	10-67		42	773	33
41-50-0059	6899323	1406271	11 28 65	19	15,410	5.41	305	1	18,390	3.1	1-68		35	745	25
41-50-0097	5841382	1199324	9 23 62	17	14,180	5.11	300	4	18,077	3.6	10-67		44	1011	30
41-50-0097	6448433	1447895	12 6 65	33	13,020	4.94	305	1	18,590	3.6	2-68		23	651	25
41-50-0147	4759917	1271075	10 11 58	7	12,526	4.60	303	6	13,901	4.3	7-67		44	590	33
41-50-0147	6387042	1418456	1 12 64	11	11,965	4.64	305	2	16,715	3.4	7-67		28	650	15
41-52-9008	5786062	1199324	9 13 62	29	14,915	5.40	305	2	17,025	3.9	8-67		40	780	30
41-52-9008	6639385	1329584	1 17 65	8	14,880	5.32	305	1	21,030	3.2	7-67		36	732	17
41-52-9008	5671449	1199324	12 16 61	8	15,186	5.11	305	3	20,020	3.3	4-67		42	1109	33
41-52-9008	6407848	1294703	1 12 64	5	16,985	5.79	282	2	18,920	3.3	1-68		40	643	15
41-52-9009	6215485	1440808	9 26 64	12	16,275	5.91	305	2	21,795	3.5	1-68		29	766	22

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41-52-0047	6218007	1294703	11	1	63	6	14,670	524	290	2	16,260	3.6	581	3-67	40	584	15
41-52-0048	6714818	1363393	11	10	65	22	15,670	571	305	1	20,370	3.3	669	12-67	31	914	23
41-52-0080	5828424	1283917	3	20	63	17	14,203	537	302	3	18,846	3.6	673	8-67	42	843	16
41-52-9084	6262486	1329588	10	12	64	15	16,880	558	305	2	20,485	3.3	677	1-68	40	647	19
41-52-0101	6586309	1311429	1	7	65	15	13,930	502	305	1	18,400	3.5	644	10-67	35	828	18
41-52-0120	6213665	1363393	8	22	64	12	12,730	482	304	1	13,900	3.6	504	12-67	31	606	17
41-53-9013	5815597	1391475	8	9	62	15	14,046	504	305	3	20,296	3.3	677	5-67	32	1001	29
41-53-9013	5067154	1309948	4	1	60	11	15,636	582	305	5	20,456	3.8	775	9-67	43	928	35
41-53-9013	5949963	1271810	5	30	63	14	14,840	523	305	3	18,340	3.5	637	3-68	42	770	21
41-54-0036	6425387	1386406	3	23	65	21	12,160	433	305	1	15,180	3.1	471	11-67	35	595	18
41-55-0092	6167789	1347065	10	24	64	15	14,145	535	305	2	19,990	3.7	734	12-67	40	666	19
41-55-0097	6058602	1199324	1	20	64	16	11,920	429	305	2	15,205	3.3	497	11-67	40	869	24
41-55-9146	6224046	1329588	8	12	64	11	15,595	557	305	2	20,275	3.5	709	9-67	40	743	22
41-55-9146	5553799	1199324	7	7	61	16	16,365	582	298	4	17,402	3.6	623	11-67	44	684	23
41-55-0202	5690678	1384257	7	31	62	12	13,557	513	302	4	17,267	4.2	721	11-67	35	580	32
41-55-9255	5950644	1210507	12	8	63	24	14,745	561	305	2	16,490	4.1	682	7-67	39	654	18
41-56-0073	6154680	1391688	5	24	64	13	13,960	515	305	2	17,765	3.5	626	12-67	36	715	16
41-56-0088	6028389	1291784	1	23	64	7	13,380	502	305	2	16,690	4.1	681	3-67	40	605	31
41-56-0153	5732524	1402551	10	1	62	7	13,070	471	305	3	17,753	3.7	652	9-67	32	677	25
41-58-9017	6357138	1449520	8	5	65	17	16,750	650	305	1	20,390	3.5	721	10-67	28	683	18
41-60-9010	6291439	1199324	10	27	64	26	14,215	505	292	2	14,980	3.6	545	10-67	40	637	22
41-60-9010	6706917	1365341	2	14	66	18	15,780	567	278	1	19,570	3.5	688	3-68	31	855	28
41-60-9010	6185468	1199324	2	20	64	23	14,525	511	305	2	20,015	3.5	697	7-67	40	1119	36
41-60-0019	6049808	1426882	9	25	63	9	11,485	401	305	2	17,290	3.2	559	11-66	28	747	19
41-64-9068	6526287	1311429	11	14	65	12	17,350	619	305	1	21,390	3.4	733	11-67	35	821	16
41-64-0102	6560748	1363393	12	10	65	14	15,060	547	305	1	20,420	3.2	658	1-68	32	956	24
41-64-0102	5744425	1381770	1	7	63	5	13,170	480	305	2	18,805	3.5	664	6-67	36	940	26
41-64-0102	6342136	1291784	1	5	65	12	14,310	523	305	1	18,520	3.5	650	2-67	35	609	23
41-66-0005	5687288	1365341	11	30	62	90	12,300	463	300	3	15,620	3.9	609	10-67	37	843	31
41-66-0005	5687287	1365341	11	3	62	68	12,370	459	297	3	13,476	3.9	532	7-67	38	599	24
41-66-0005	6525831	1365341	12	24	65	56	12,570	479	305	1	18,690	3.7	686	1-68	30	992	32
41-66-0005	6051647	1417487	3	5	64	75	12,970	473	305	2	16,985	3.6	609	4-67	30	646	21
41-66-0005	595102	1265694	10	5	63	87	12,293	466	281	3	17,270	3.5	597	10-67	42	930	19
41-66-0005	6146079	1265694	6	25	64	61	12,795	470	287	2	17,420	3.3	576	6-67	40	841	14
41-66-0013	6010949	1283917	12	16	63	13	14,510	530	305	3	18,320	3.4	624	2-68	42	751	12
41-66-0013	6081968	1283917	2	24	64	8	13,555	516	305	2	17,960	3.4	602	7-67	40	760	9
41-66-9028	5641375	1262987	9	15	62	12	13,835	515	299	4	18,527	3.6	670	8-67	43	629	19
41-66-0056	5397561	1199324	9	21	60	16	14,056	510	301	5	20,352	3.5	714	11-67	44	1334	43
41-66-9071	6171641	1411230	7	24	64	11	13,840	520	305	1	19,050	4.0	753	11-67	31	593	29
41-66-9227	6098113	1330987	2	18	64	9	14,370	552	305	2	16,820	4.1	687	7-67	40	586	32
41-68-0045	6161226	1242791	5	6	64	19	16,440	567	305	2	21,140	3.2	671	9-67	40	637	21
41-70-0013	6097424	1199324	9	27	63	13	14,170	561	305	3	15,026	3.9	583	12-67	42	640	22
41-70-0013	5857280	1199324	9	25	62	13	14,320	548	295	4	16,297	3.9	631	10-67	44	775	27
41-70-0026	6556807	1377315	8	10	65	23	14,700	553	305	1	18,910	3.8	721	9-67	30	584	18
41-70-0026	6556809	1311429	8	22	65	22	14,630	553	305	1	18,120	3.7	677	9-67	35	759	17

TABLE 5.—HIGH-RANKING PROGENY OF DHIA SIRE: HOLSTEIN—Continued

COW'S LAST HERD CODE	COW'S REGISTRATION NO.	COW'S SIRE REGISTRATION NO.	COW'S BIRTH DATE (Mo.) (Day) (Yr.)	HERDMATES			AVERAGE PRODUCTION OF COW					LAST CALVING		REPEAT- ABILITY (Pct.)	COW INDEX	
				NUM- BER	MILK (Lb.)	FAT (Lb.)	IN MILK (Days)	REC- ORDS	MILK (Lb.)	FAT (Pct.)	FAT (Lb.)	(Mo.) (Yr.)	CAR		MILK	FAT
41-70-0036	5462284	1199324	8 22 61	23	14,167	513	298	4	19,102	3.5	671	11-67	44	1139	36	
41-70-0053	5921142	1199324	1 13 63	9	11,612	417	263	4	12,697	3.3	424	12-67	44	632	16	
41-70-0076	6483695	1311429	11 2 65	20	13,810	497	305	1	21,500	3.1	677	11-67	35	1070	20	
41-70-0161	6442560	1330987	8 4 65	39	13,100	488	305	1	18,890	3.0	559	10-67	36	778	24	
41-70-0161	5979771	1199324	10 12 63	37	12,990	481	301	2	14,430	3.4	497	10-67	40	693	19	
41-70-0161	6225451	1330987	8 27 64	36	12,900	479	305	2	15,520	3.6	564	10-67	40	589	26	
41-70-0161	6225448	1199324	7 29 64	29	12,710	470	305	2	15,835	3.5	548	8-67	40	861	25	
41-71-0002	5459758	1287090	7 12 61	9	16,376	593	305	5	23,386	3.6	841	11-67	44	801	38	
41-71-0039	6106592	1379037	8 15 63	15	18,136	658	293	3	22,023	3.5	765	11-67	34	598	16	
41-71-0046	6352223	1423320	9 18 63	9	12,993	499	296	3	18,066	3.7	661	9-67	32	716	27	
41-72-0029	6326897	1311429	9 21 64	22	13,530	489	305	1	17,540	3.4	588	1-67	35	766	14	
41-72-9042	6238187	1423320	9 7 64	6	16,220	591	303	2	22,330	3.7	835	12-67	29	802	35	
41-72-9046	6103902	1329588	2 20 64	9	13,205	493	304	2	16,640	3.6	591	2-68	40	593	16	
41-72-0078	6662843	1422506	9 5 65	16	15,060	566	300	1	19,570	3.6	705	11-67	32	623	24	
41-72-0124	5896418	1441354	7 2 63	7	14,060	524	305	2	19,310	3.5	683	3-68	28	695	22	
41-73-0038	5838716	1354659	9 19 62	12	14,902	575	302	4	19,222	3.8	740	12-67	34	727	27	
41-73-0038	6281208	1399368	10 9 64	15	14,600	557	299	2	20,890	3.3	681	9-67	29	940	22	
41-73-0045	5974383	1329588	12 7 63	24	15,880	607	305	2	19,740	3.6	708	9-67	40	663	18	
41-73-0045	6122814	1329588	1 30 64	27	16,010	605	305	2	20,220	3.8	773	10-67	40	700	24	
41-73-0045	6218227	1329588	9 25 64	20	17,755	661	305	2	22,995	3.4	787	1-68	40	822	21	
41-73-0077	5975098	1436233	10 18 63	19	12,376	477	292	3	16,810	3.5	596	12-67	32	630	17	
41-73-0096	6110344	1259069	4 7 64	26	14,330	536	284	1	21,360	3.6	759	12-67	36	756	21	
41-73-0122	6317366	1396740	1 12 65	7	16,150	594	305	1	19,780	4.1	819	9-67	23	655	34	
41-73-9196	5480931	1354656	4 9 61	15	15,876	623	302	5	21,326	4.1	868	2-68	36	1063	44	
41-73-9224	6098247	1329588	4 19 64	23	16,035	604	305	2	19,525	3.6	707	11-67	40	627	18	
41-73-0369	6290781	1289574	2 3 65	10	15,195	520	305	2	20,730	3.3	679	12-67	40	639	18	
41-74-0047	5972751	1259069	9 25 63	43	13,230	488	305	1	18,940	3.6	682	10-67	36	649	19	
41-74-0047	5752287	1154946	9 14 62	37	12,940	479	304	3	16,480	3.6	594	10-67	42	597	17	
41-74-9051	5706616	1199324	8 23 62	38	14,480	514	291	3	17,376	3.2	558	11-67	42	878	22	
41-74-9051	6035686	1365341	9 5 63	21	15,745	533	305	2	20,770	3.2	662	11-67	35	1045	29	
41-74-9051	6362406	1242221	5 17 65	31	14,600	497	305	1	17,310	3.3	572	8-67	32	869	29	
41-74-9051	6543247	1242221	7 1 65	39	16,240	549	305	1	17,360	3.6	627	11-67	32	755	30	
41-74-9060	6286410	1411228	3 31 64	5	11,950	475	305	2	15,315	3.8	578	7-67	29	588	19	
41-74-9060	6269709	1411228	10 29 64	10	14,055	554	305	2	21,840	3.7	816	10-67	29	1075	36	
41-74-0065	5690928	1199324	8 16 62	20	13,945	514	298	4	18,317	3.7	669	10-67	44	1066	36	
41-74-0065	5885070	1199324	5 25 63	17	13,686	510	301	3	15,243	3.4	516	11-67	42	715	18	
41-74-0065	5885069	1199324	4 5 63	17	13,713	510	304	3	16,920	3.3	558	12-67	42	905	23	
41-74-9069	5274502	1242791	11 4 60	10	13,703	467	305	3	17,673	3.9	682	12-67	42	588	34	
41-74-9143	6561488	1388747	4 10 65	11	16,260	575	305	1	21,190	3.3	708	12-67	24	619	16	
41-75-9002	6168973	1199324	10 23 64	22	14,695	535	243	2	15,385	3.9	607	10-67	40	634	25	
41-77-0024	6467064	1311429	9 25 65	9	14,740	507	305	1	18,990	3.5	656	12-67	35	817	18	
41-77-0051	6462366	1443161	10 20 65	12	15,500	585	305	1	20,610	3.9	799	3-68	28	669	25	
41-77-0051	5738670	1251271	8 25 62	13	13,873	482	305	3	20,876	3.2	673	8-67	42	974	25	
41-77-0128	6457540	1298372	11 14 65	20	14,230	541	305	1	19,560	3.4	662	9-67	33	764	17	
41-79-0047	5328492	1311795	12 11 60	9	14,755	528	285	2	19,440	3.4	669	12-67	30	836	24	

41-79-0047	5679535	1311795	11 23 61	9	15,340	553	305	4	21,195	3.5	740	12-67	35	1114	35
41-79-0047	5679534	1311795	10 21 61	10	15,352	552	291	4	17,785	3.5	624	12-67	35	624	18
41-79-0047	5869817	1311795	9 28 62	8	15,395	555	289	4	19,197	3.6	698	11-68	35	821	28
41-79-0047	5869819	1311795	11 6 62	8	15,066	540	299	3	20,310	3.4	695	11-67	33	974	28
41-79-0056	5750455	1311795	9 10 62	20	15,332	528	302	4	19,360	3.2	628	11-67	35	852	22
41-82-9036	6494930	1265694	11 1 65	25	15,770	595	305	1	21,450	3.2	693	1-68	35	847	12
41-82-9036	6306177	1273756	2 7 65	31	14,340	558	305	1	17,840	3.7	666	9-67	36	656	27
41-82-9090	4846931	1326862	1 22 59	13	15,400	564	305	3	18,996	3.9	734	11-67	37	650	19
41-82-9090	5716583	1199324	11 17 62	16	16,310	605	305	3	16,633	3.7	615	3-67	42	603	19
41-82-9090	6588125	1406271	12 11 65	16	16,600	619	305	1	19,550	3.1	613	12-67	35	752	24
41-82-9090	5913091	1144239	1 1 63	15	14,735	584	305	2	21,905	3.5	765	7-67	40	736	13
41-82-0105	5230089	1242791	11 2 60	14	13,563	499	304	6	17,501	3.8	670	1-68	44	633	31
41-82-0108	6251106	1259069	9 22 64	5	13,610	466	290	1	18,640	3.4	643	10-67	36	601	17
41-82-0164	6323036	1222994	12 26 64	9	16,120	580	305	1	19,130	3.9	738	3-67	36	608	25
41-84-9002	6476825	1419776	9 9 65	21	13,190	503	305	1	21,360	3.5	745	11-67	23	869	28
41-84-9002	5939316	1419776	9 7 63	22	13,210	497	298	3	18,426	3.6	662	1-68	32	824	28
41-84-9002	6067772	1419776	2 13 64	21	13,190	503	295	1	19,190	3.8	730	11-67	23	673	27
41-84-9002	5880580	1419776	4 12 63	23	12,696	484	292	3	16,450	3.7	608	8-67	32	617	23
41-85-9023	5706289	1383004	9 9 62	10	15,693	592	305	3	23,733	3.9	937	12-67	42	1019	57
41-85-9023	5576117	1383004	4 19 62	11	16,165	597	223	2	20,830	3.6	753	10-67	39	615	35
41-85-9023	6079122	1421321	1 11 64	17	17,910	672	305	2	21,815	3.5	761	3-67	29	728	18
41-85-9023	6079128	1383004	2 2 64	8	14,770	558	305	2	19,590	3.4	663	7-67	39	594	28
41-85-9023	5482268	1383004	8 23 61	13	17,013	628	305	3	21,896	3.6	792	6-67	41	692	37
41-85-9023	6310961	1383004	1 29 65	6	14,620	528	305	1	21,800	3.8	835	7-67	35	669	42
41-85-9023	6310958	1421321	3 3 65	15	15,620	602	305	1	21,020	3.4	725	8-67	23	726	17
41-85-9023	6310956	1421321	12 22 64	17	17,980	681	305	1	21,950	4.3	938	4-67	23	618	30
41-85-9023	6167395	1421321	7 25 64	11	18,290	690	305	1	27,430	3.4	942	2-68	24	1173	33
41-85-9076	6318367	1410984	4 1 65	43	14,660	553	305	1	25,130	3.4	844	12-67	36	593	20
41-85-9076	5279892	1314041	11 14 60	31	14,356	519	305	3	21,700	3.5	756	8-67	35	979	32
41-85-0195	6167401	1386406	12 3 64	11	13,730	518	304	2	16,845	3.7	621	2-68	40	672	25
41-86-0435	6865964	1311429	11 26 65	11	15,400	552	305	1	19,160	3.5	667	12-67	35	785	16
41-87-9038	6138232	1289589	6 10 63	23	16,255	612	305	2	21,235	3.6	755	9-67	40	616	22
41-87-9055	5849084	1337647	12 25 62	32	17,550	602	305	1	24,950	3.6	904	11-67	34	627	25
41-87-9055	6063920	1199324	3 17 64	16	18,600	632	305	2	19,805	3.5	699	7-67	40	726	26
41-87-9055	6063921	1199324	3 29 64	21	18,240	619	305	2	21,140	3.3	702	9-67	40	894	27
41-87-9055	5920014	1330987	10 13 63	13	18,970	643	305	2	23,060	3.3	766	12-67	40	799	31
41-87-9055	5920015	1199324	10 13 63	20	19,095	647	305	2	21,380	3.2	689	8-67	40	840	23
42-00-0409	6283459	1329588	12 22 64	10	15,180	571	291	2	20,445	3.6	728	11-67	40	798	23
42-00-0410	6051923	1271810	3 20 64	14	11,420	447	305	2	15,930	3.7	595	9-67	40	802	22
42-03-0036	6267994	1199324	4 8 64	15	13,040	451	208	2	13,600	3.5	478	11-67	40	604	20
42-03-0036	5878880	1199324	5 13 63	7	12,530	454	305	2	13,405	3.5	474	4-67	40	631	19
42-03-9055	5794995	1199324	2 4 63	7	13,710	504	303	2	19,845	3.7	733	2-67	40	1177	41
42-03-9056	5905582	1314767	5 17 63	26	15,903	559	305	3	21,136	3.1	650	12-67	42	847	22
42-03-9056	6242985	1314767	10 5 64	23	15,645	548	305	2	20,265	3.2	646	12-67	40	717	22
42-03-0138	5808752	1314767	3 20 63	13	15,746	570	305	3	20,730	3.4	715	10-67	42	817	28

TABLE 5.—HIGH-RANKING PROGENY OF DHIA Sires: HOLSTEIN—Continued

COW'S LAST HERD CODE	COW'S REGISTRATION NO.	COW'S SIRE REGISTRATION NO.	COW'S BIRTH DATE (Mo.) (Day) (Yr.)	HERDMATES			AVERAGE PRODUCTION OF COW				LAST CALVING		REPEAT- ABILITY (Pct.)	COW INDEX	
				NUM- BER	MILK (Lb.)	FAT (Lb.)	IN MILK* (Days)	REC. ORDS	MILK (Lb.)	FAT (Pct.)	(Mo.) (Yr.)	CAR		MILK	FAT
42-05-9004	5803078	1418525	11 19 62	7	13,266	503	303	3	18,073	3.4	9-67		32	755	16
42-05-0005	6030244	1390764	10 19 63	6	14,055	518	300	2	19,785	3.6	10-67		28	808	26
42-05-0005	6467919	1359626	9 5 65	5	16,230	569	305	1	22,700	3.2	1-68		33	762	20
42-06-9085	6648621	1389632	1 7 65	16	12,440	471	305	1	18,330	3.4	6-67		34	739	15
42-07-0059	6078357	1440122	11 29 63	5	13,265	506	305	2	17,960	3.9	11-67		29	681	31
42-07-0059	6167919	1440122	11 15 63	12	12,400	473	305	1	18,490	3.8	7-67		23	672	27
42-07-0097	6356866	1452345	8 15 65	18	15,660	604	305	1	19,320	3.7	9-67		26	664	21
42-08-0015	6322407	1389632	7 21 63	11	15,720	554	305	2	19,260	3.6	10-67		38	669	19
42-08-0015	6532767	1421747	1 1 65	13	17,340	611	305	2	22,210	3.4	2-68		29	731	24
42-08-9031	5495278	1350137	10 29 61	45	17,125	607	304	4	23,427	3.2	12-67		35	930	22
42-08-9031	6080798	1417487	6 8 64	47	17,165	602	298	2	20,320	3.5	11-67		31	595	19
42-08-9031	6011978	1300012	11 21 63	30	16,415	575	305	2	21,205	3.3	9-67		38	809	15
42-08-9031	5621909	1373077	7 1 62	38	16,285	584	300	4	21,202	3.4	8-67		35	915	26
42-17-0044	6287824	1249430	11 3 64	21	14,425	516	305	2	19,860	3.5	12-67		40	704	26
42-18-0019	6164366	1373055	6 10 64	8	13,445	518	305	2	17,385	3.7	11-67		40	710	16
42-22-9067	5354593	1271147	3 20 61	5	14,882	525	305	4	19,440	3.6	7-67		36	860	32
42-22-9067	4978918	1271147	8 24 59	6	14,613	522	303	6	18,926	3.4	12-67		37	843	75
42-22-9099	5944464	1399388	10 9 63	7	15,700	546	305	2	19,925	3.4	11-67		29	612	21
42-22-0101	6236305	1389632	9 16 64	15	12,750	476	305	2	16,620	3.6	11-67		38	672	16
42-22-0118	6299833	1379950	10 26 64	16	15,825	549	299	2	20,625	3.4	11-67		38	633	16
42-22-9199	5560794	1217611	10 10 61	8	14,762	517	302	4	18,542	3.6	1-67		44	589	18
42-22-0203	5479367	1293643	8 2 61	5	12,815	438	305	4	17,295	3.4	11-67		37	632	17
42-22-0216	6111175	1283917	1 10 64	9	14,090	501	296	3	19,363	3.3	1-68		42	914	17
42-22-9237	5962843	1415636	9 10 63	17	12,400	425	305	3	19,200	3.1	3-68		33	906	25
42-28-0006	5603773	1297420	10 18 61	5	15,613	604	305	3	22,266	3.5	3-68		42	800	17
42-28-0018	6111214	1340669	2 10 64	10	17,760	612	305	3	20,240	3.6	2-68		42	596	15
42-28-0135	6212552	1249430	3 2 64	7	14,023	482	301	3	18,730	3.2	3-68		42	685	20
42-28-0137	6490081	1199324	3 4 64	4	12,800	442	305	1	17,550	3.2	5-67		36	936	27
42-28-9143	5824686	1199324	3 29 63	5	14,410	496	305	3	17,610	3.4	12-67		42	912	28
42-31-9006	5874608	1334761	1 30 61	10	14,128	508	305	5	17,846	3.4	11-67		36	600	16
42-31-0007	6008025	1366382	3 4 62	8	11,810	433	302	3	16,496	3.7	1-68		32	638	27
42-31-0114	5890357	1389632	8 11 63	24	16,495	595	305	2	21,175	3.4	1-67		38	772	15
42-33-0012	5362663	1220257	4 15 61	17	13,594	486	301	5	18,754	3.2	2-68		38	869	20
42-33-9034	5645662	1305460	8 17 62	8	15,570	541	305	4	19,617	3.4	1-68		43	636	16
42-33-0054	6077760	1433254	1 19 64	15	14,605	543	305	2	20,090	3.6	9-67		29	713	24
42-33-0057	5960227	1423321	12 21 63	12	16,125	540	305	2	22,455	3.3	11-67		29	799	30
42-33-0077	6418681	1315612	12 16 65	17	15,680	586	305	1	23,920	3.2	12-67		34	725	19
42-33-0110	6034524	1249430	5 19 63	16	12,366	451	296	3	16,530	3.6	11-67		42	603	24
42-33-9251	6060717	1331707	1 18 64	13	14,940	563	247	2	21,065	3.4	1-68		30	796	21
42-33-0285	6315913	1401555	2 1 65	7	11,630	444	305	1	18,820	3.8	11-67		23	611	27
42-34-9030	6491492	1242221	12 25 65	14	15,290	588	305	1	15,400	3.7	2-68		33	681	23
42-35-0045	6576518	1417208	9 23 65	10	17,670	641	305	1	22,440	4.0	2-68		35	766	36
42-35-0050	6466467	1330987	8 31 65	14	15,590	559	305	1	20,860	3.2	3-68		36	725	26
42-38-0064	6148056	1283917	11 15 62	10	12,626	464	305	3	16,656	3.9	2-68		42	754	21
42-38-9065	6359957	1429011	10 14 64	12	15,930	595	305	1	19,000	3.8	5-67		24	585	20

42-38-0088	6402729	1406271	8 12 65	10 17,790	612	284	1	21,260	3.0	647	11-67	35	787	26
42-39-9011	4907111	1288309	6 22 59	6 15,402	490	305	4	20,535	3.5	717	7-67	43	766	29
42-39-9026	5652454	1340669	8 12 62	7 13,173	474	301	3	19,120	3.4	645	12-67	42	942	19
42-40-0026	6327113	1429011	1 18 65	5 14,710	550	305	2	20,925	3.6	750	11-67	30	1024	31
42-41-9008	5721966	1216567	12 27 62	17 14,725	493	297	4	22,790	3.3	762	9-67	44	835	40
42-41-0036	6082955	1311429	12 28 63	8 12,780	448	305	1	16,460	3.4	563	7-67	35	736	15
42-41-9058	6273729	1389632	8 20 64	8 13,920	574	305	2	17,850	4.1	738	1-68	39	634	19
42-41-9059	5788026	1417720	2 20 63	10 15,203	525	305	3	19,756	3.7	731	10-67	37	968	36
42-41-9059	6163581	1330987	11 22 64	5 14,830	518	305	1	18,640	3.5	651	8-67	36	611	28
42-45-0052	5733538	1379181	9 28 62	7 12,693	473	303	3	17,483	3.4	589	4-68	35	678	16
42-48-9009	6013412	1347112	12 11 63	15 14,853	520	300	3	19,096	4.2	804	1-68	38	714	44
42-48-0051	5373132	1350190	8 3 61	5 12,966	466	305	3	17,683	3.7	661	4-68	42	727	24
42-49-9004	5468181	1239464	12 23 61	15 15,922	551	299	4	19,950	3.5	696	1-68	42	711	28
42-49-0037	5729064	1392600	8 24 62	6 13,940	470	265	3	17,096	3.1	536	2-68	34	627	16
42-50-0032	6546614	1398216	8 5 65	8 14,530	552	289	1	18,210	3.5	630	11-67	35	671	15
42-50-0032	6313788	1398216	10 20 64	10 14,170	544	305	1	17,920	3.6	641	10-67	35	674	16
42-50-9055	5887627	1204163	8 26 63	45 14,520	504	305	3	22,346	3.1	700	11-67	40	944	22
42-50-9055	5961871	1362033	12 9 63	37 14,633	505	305	3	19,686	3.8	739	11-67	33	808	35
42-50-9055	6106808	1362033	7 22 64	35 14,410	502	305	2	20,310	3.3	663	11-67	30	831	23
42-50-9055	6206825	1362033	12 25 64	35 12,440	432	305	1	18,960	3.3	634	7-67	25	703	21
42-52-0028	5478459	1284772	9 1 61	24 14,262	507	298	4	19,100	3.2	605	1-68	35	793	16
42-53-9064	5259529	1315612	1 1 61	6 16,142	622	305	5	23,208	3.4	793	12-67	43	1040	29
42-55-0025	6322793	1199324	7 17 63	19 13,920	498	299	2	17,140	3.6	611	10-67	40	883	29
42-55-9033	6206628	1447895	11 5 64	12 13,860	512	305	1	18,980	3.4	644	4-67	23	642	16
42-57-0027	6297093	1276725	12 9 64	29 13,040	470	305	1	17,190	3.5	604	7-67	26	604	19
42-57-0027	5415004	1276725	8 5 61	36 14,445	542	305	4	17,760	3.6	635	12-67	35	695	21
42-57-0027	5444892	1276725	7 31 61	38 15,160	549	305	3	18,560	3.4	635	7-67	34	685	19
42-57-0027	5411019	1276725	6 2 61	38 15,080	552	305	4	17,622	3.7	656	6-67	35	595	22
42-57-0027	6408927	1276725	5 23 65	24 12,300	457	305	1	18,280	3.3	597	8-67	26	757	20
42-57-0027	5901650	1276725	7 1 63	39 14,000	521	305	2	17,925	3.8	673	6-67	31	695	25
42-57-0027	5768128	1276725	12 11 62	24 13,223	497	302	3	17,153	3.6	618	9-67	34	732	23
42-57-0176	6278589	1355784	3 6 65	5 12,710	458	303	2	19,420	3.0	589	4-68	40	1202	24
42-60-0006	6012012	1352745	10 3 61	11 14,386	487	305	3	18,423	3.3	599	11-67	32	607	16
42-60-0006	6237197	1394281	10 10 64	11 15,130	497	305	2	22,840	3.1	719	8-67	29	1005	30
42-60-0026	5618053	1364341	3 21 62	7 14,253	490	301	3	20,546	3.2	665	6-67	33	1003	28
42-60-0026	6675998	1437199	11 27 65	10 13,010	450	305	1	17,950	3.5	627	9-67	24	607	22
42-60-9030	6439335	1432881	6 4 65	12 13,450	473	305	1	20,260	3.5	711	2-68	24	643	22
42-60-0062	6576011	1306247	8 30 65	5 13,190	435	305	1	21,530	3.3	703	2-68	35	1219	38
42-64-0025	5419470	1371216	8 3 61	8 13,704	503	301	5	18,260	3.4	629	3-68	35	817	22
42-64-0025	5419473	1371216	8 30 61	13 13,634	505	305	5	17,836	3.7	668	10-67	35	778	28
42-64-0025	5727538	1371216	11 26 62	7 11,806	434	305	3	16,633	3.4	558	7-67	32	795	20
42-65-9008	6062674	1294728	1 1 64	40 15,950	567	304	2	20,365	3.5	718	3-68	33	628	23
42-65-9008	6284638	1265694	10 16 64	41 15,755	568	305	2	22,370	3.5	774	12-67	34	1074	26
42-66-9011	5543991	1175596	1 5 62	10 13,862	519	305	4	19,412	3.5	674	8-67	41	637	19
42-66-9040	6555945	1330987	9 21 65	17 15,460	576	305	1	19,420	3.7	721	11-67	36	659	30

TABLE 5.—HIGH-RANKING PROGENY OF DHIA SIRE: HOLSTEIN—Continued

COW'S LAST HERD CODE	COW'S REGISTRATION NO.	COW'S SIRE REGISTRATION NO.	COW'S BIRTH DATE (Mo.) (Day) (Yr.)	HERDMATES			AVERAGE PRODUCTION OF COW				LAST CALVING		REPEAT- ABILITY (Pct.)	COW INDEX	
				NUM- BER	MILK (Lb.)	FAT (Lb.)	IN MILK (Days)	REC- ORDS	MILK (Lb.)	FAT (Pct.)	(Mo.) (Yr.)	CAR		MILK	FAT
42-66-9040	6310254	1398216	11 22 64	18	15,250	572	305	2	19,625	3.2	11-67		39	830	14
42-66-9045	5660085	1199324	1 7 62	9	17,927	622	305	4	21,425	3.4	12-67		44	1008	31
42-66-9083	4770776	1285876	11 11 58	9	14,298	523	304	6	18,493	3.8	11-66	8	37	967	37
42-66-9086	5948786	1210507	9 27 63	8	13,365	486	247	2	15,950	3.8	10-67		39	727	18
42-69-9015	6194604	1428731	9 12 64	35	14,030	520	305	2	19,170	3.5	9-67		30	740	22
42-70-0023	5433539	1215958	10 4 61	50	13,360	502	305	3	19,070	3.8	9-67		41	939	34
42-74-0053	5973304	1300012	11 1 63	7	12,596	455	305	3	18,836	3.1	12-67		41	760	9
42-74-0068	5948250	1419131	10 3 63	5	12,450	405	292	1	18,550	3.5	11-67		22	620	25
42-74-0068	5875296	1419131	9 1 63	6	13,455	452	305	2	17,955	3.1	10-67		28	615	15
42-75-0007	5694507	1385266	9 9 62	13	15,320	530	305	4	18,747	3.3	12-67		35	649	16
42-76-0036	5936572	1259069	11 15 63	9	12,936	440	291	3	16,853	3.4	2-68		42	647	19
42-79-9003	5776098	1355784	12 19 62	10	14,570	523	224	3	16,283	3.5	8-67		41	738	15
42-79-9003	6241254	1416074	5 17 64	11	14,285	516	305	2	18,355	3.5	8-67		30	609	19
42-82-0026	6473395	1438823	8 24 65	25	15,975	581	285	2	20,100	3.3	4-68		29	637	15
42-82-0026	6473394	1438823	6 1 65	40	15,160	553	305	1	21,990	3.8	9-67		22	754	29
42-82-9038	5847817	1392327	12 25 62	13	15,636	543	305	3	21,410	3.3	7-67		33	952	26
42-82-9038	6734389	1392400	1 18 65	10	15,320	528	305	1	19,260	3.6	8-67		24	615	19
42-82-9038	6760199	1392400	4 3 65	10	16,220	556	305	1	21,450	3.2	7-67		24	738	16
42-82-9038	6316135	1392400	9 2 64	7	16,315	580	305	2	21,695	3.2	1-68		30	903	18
42-84-9004	6344420	1440501	6 29 65	10	12,990	461	305	1	20,270	3.3	7-67		24	1053	30
42-84-9004	6395634	1440501	10 25 65	23	14,680	507	305	1	21,480	3.1	11-67		24	1026	26
42-84-9004	5390363	1364341	5 24 61	7	14,230	520	295	5	19,524	3.3	10-67		36	945	24
42-84-9004	6440350	1364341	12 14 65	9	14,630	499	305	1	21,010	3.5	1-68		25	750	26
42-84-9009	6201194	1432062	11 11 64	13	13,670	487	305	2	20,125	3.5	3-68		28	893	31
42-84-9009	6201192	1417208	8 23 64	10	13,215	496	302	2	18,385	3.4	10-67		40	853	27
42-84-0023	6354160	1446134	3 12 65	18	14,120	503	305	1	20,680	3.3	11-67		22	727	18
42-84-0023	5966557	1373041	11 28 63	9	12,630	462	298	1	18,970	3.4	6-67		25	585	19
42-84-0035	5817373	1302386	3 1 63	14	14,757	516	303	4	20,120	3.1	3-68		35	920	23
42-84-9065	6293700	1438920	1 3 65	10	16,215	602	305	2	21,290	3.5	12-67		29	795	23
42-84-9065	6243009	1438920	9 15 64	12	15,045	564	301	2	19,210	3.5	10-67		29	671	19
42-84-9065	6487177	1438920	11 4 65	13	16,930	614	305	1	22,350	3.6	11-67		23	671	24
42-84-9100	5390364	1364341	8 2 61	9	13,504	494	302	5	18,006	3.8	10-67		36	817	32
42-84-9100	5934630	1276654	11 24 63	10	13,745	525	301	2	20,025	3.4	11-67		40	792	20
42-84-0117	6252985	1440501	3 1 65	6	14,630	561	305	2	18,005	3.6	1-68		30	794	21
42-84-0120	6790612	1347940	9 8 65	12	14,200	519	305	1	17,190	3.8	10-67		36	758	29
42-86-0014	6249493	1389632	10 17 64	8	11,870	395	305	1	16,500	3.4	8-67		34	638	16
42-86-9032	6558255	1406271	1 3 66	6	15,450	569	290	1	19,260	3.6	3-68		35	795	32
42-91-0055	6373199	1382997	2 14 64	8	13,715	486	303	2	18,695	3.2	10-67	B	30	588	16
42-93-9022	6330388	1265694	2 17 65	7	11,720	399	301	1	17,510	3.2	5-67		35	825	15
42-93-9022	6224846	1265694	7 25 64	14	12,075	424	305	2	18,360	3.2	9-67		40	1003	21
42-93-0027	5487845	1314454	10 16 60	25	14,946	517	305	5	19,312	3.4	2-68		38	670	24
42-94-9009	4367967	1075133	1 8 56	13	14,238	504	305	7	20,211	3.4	7-67		43	676	25
42-94-9009	5790521	1333241	11 28 62	19	15,866	545	305	3	22,203	3.4	9-67		33	849	27
42-94-0025	6331307	1330987	12 11 64	21	15,310	525	305	2	18,835	3.4	11-67		40	705	29
42-94-0057	6224042	1415636	8 5 64	11	12,245	441	305	2	18,955	3.4	12-67		30	794	26

42-96-0012	5534763	1308419	3 23 62	10	13,725	476	304	4	19,062	3.3	631	6-67	43	671	17
42-96-0032	6407157	1398216	7 2 65	9	11,140	395	305	1	17,260	3.1	538	9-67	35	832	19
42-96-0056	6719745	1392397	6 5 65	8	13,030	454	305	1	18,900	3.4	642	12-67	23	729	22
42-96-0056	6041160	1392397	1 14 64	6	13,085	447	305	2	17,240	3.1	538	3-68	29	683	15
42-96-0056	6041156	1392397	8 8 63	8	11,336	401	303	3	14,800	3.3	491	9-67	32	620	15
42-96-9057	6322620	1417208	4 11 65	19	17,070	567	305	1	22,100	3.1	685	2-68	35	781	25
42-96-0089	6462209	1386406	8 24 64	14	12,930	463	305	2	15,610	3.7	574	11-67	40	620	25
42-96-0089	6576763	1386406	7 30 64	9	12,450	452	305	2	16,870	3.4	573	12-67	40	793	26
42-96-0108	6186138	1373055	10 16 64	10	15,845	578	288	2	19,615	3.5	694	9-67	40	717	17
42-96-0110	6320157	1417208	4 12 65	13	15,590	540	305	1	18,120	3.3	594	11-67	35	582	20
42-96-0110	5636157	1306137	3 24 62	5	13,550	463	294	4	16,562	3.5	578	6-67	35	601	24
42-96-9111	5386851	1144239	11 12 59	16	14,235	532	300	6	18,990	3.7	703	9-67	44	618	17
42-96-0137	6457521	1386406	11 22 65	11	14,470	523	298	1	18,700	3.2	600	2-68	35	703	21
42-96-0137	6382540	1386406	8 30 65	11	13,840	487	304	1	18,360	3.4	622	11-67	35	721	25
42-96-9174	6395183	1366229	9 21 65	6	19,400	664	305	1	21,090	3.4	919	2-68	34	758	32
42-96-9180	6409648	1406271	11 7 65	7	15,360	530	305	1	19,230	3.1	589	2-68	35	798	28
43-02-9007	6243940	1340669	3 18 64	32	11,110	456	295	2	16,880	3.2	547	2-68	40	833	9
43-02-9023	5944688	1144239	9 26 63	16	13,986	524	302	3	20,060	3.7	748	11-67	42	700	20
43-04-9004	6043745	1361380	9 4 63	21	14,390	513	305	3	19,403	3.4	651	11-67	33	773	22
43-04-9030	5949974	1413537	10 22 63	13	12,490	484	305	2	15,765	3.6	566	10-67	33	661	15
43-04-9040	6164121	1249430	6 27 64	16	16,205	532	238	2	20,450	3.0	619	3-68	40	601	17
43-06-0020	5934543	1249430	9 6 63	13	13,305	465	305	2	18,200	3.3	595	8-67	40	638	21
43-06-0020	5934543	1249430	11 2 63	8	14,253	490	305	3	19,723	3.5	689	2-68	42	775	31
43-06-002J	5934542	1249430	8 21 63	10	13,273	468	305	3	17,250	3.5	599	9-67	42	592	23
43-06-9025	5992924	1210507	8 21 63	51	13,770	469	305	2	16,935	3.1	530	8-67	39	791	11
43-06-9025	5992911	1330649	11 8 63	47	13,400	467	305	2	16,890	3.5	596	1-68	32	609	18
43-06-9025	5122658	1262226	8 22 58	36	12,871	439	305	6	17,613	3.3	577	9-67	36	756	22
43-06-9025	5695580	1330649	8 5 61	29	13,630	475	305	4	16,832	3.6	606	3-68	37	642	21
43-06-9025	5725065	1330649	11 20 61	48	13,616	474	299	3	17,936	3.3	598	12-67	35	763	19
43-09-9006	5488042	1232399	11 1 61	46	14,433	541	303	3	21,956	3.6	782	2-68	38	852	33
43-10-0016	5192830	1271810	6 15 60	6	11,978	446	292	5	14,884	3.5	522	8-67	44	694	16
43-12-9006	5221739	1210507	11 1 60	124	14,953	526	299	3	19,320	3.0	586	8-67	41	971	12
43-12-9006	5345971	1210507	5 25 61	150	15,095	535	305	2	18,210	3.7	678	6-67	39	800	20
43-12-9006	6444301	1438758	8 7 65	77	14,000	495	305	1	19,090	3.0	568	12-67	33	832	11
43-12-9006	6417745	1438758	7 27 65	105	13,870	491	305	1	19,200	3.0	583	9-67	33	850	13
43-12-9006	6496549	1438758	10 29 65	99	15,110	530	305	1	19,480	3.4	658	3-68	33	783	16
43-12-9006	5624569	1271810	7 2 62	126	14,536	514	305	3	16,526	3.7	608	7-67	42	593	18
43-12-9006	5581938	1271810	5 14 62	127	13,990	495	305	3	18,173	3.5	628	11-67	42	839	23
43-12-9006	5785808	1271810	12 9 62	123	14,186	498	305	3	17,653	3.4	567	11-67	42	759	15
43-12-9006	5785813	1271810	12 12 62	123	14,313	499	303	3	18,113	3.4	610	11-67	42	798	20
43-12-9006	5785807	1271810	12 7 62	123	13,986	496	305	3	16,590	3.5	587	10-67	42	657	18
43-12-9006	5863237	1271810	3 8 63	124	14,206	505	305	3	17,280	3.7	636	11-67	42	714	22
43-12-9006	5863242	1271810	5 2 63	131	14,860	536	303	2	17,610	3.7	650	1-68	40	658	19
43-12-9006	6137320	1322863	4 20 64	132	14,230	506	305	2	18,085	3.8	687	8-67	36	628	26
43-12-0007	5799176	1301678	8 5 62	38	13,410	466	305	2	19,585	3.3	638	1-68	29	842	23

TABLE 5.—HIGH-RANKING PROGENY OF DHI A SIRE: HOLSTEIN—Continued

COW'S LAST HERD CODE	COW'S REGISTRATION NO.	COW'S SIRE REGISTRATION NO.	COW'S BIRTH DATE (Mo.) (Day) (Yr.)	HERDMATES			AVERAGE PRODUCTION OF COW				LAST CALVING (Mo.) (Yr.)		REPEAT- ABILITY (Pct.)	COW INDEX	
				NUM- BER	MILK (Lb.)	FAT (Lb.)	IN MILK (Days)	REC- ORDS	MILK (Lb.)	FAT (Pct.)				MILK	FAT
43-12-0007	5678742	1210507	11 10 61	42	13,365	464	303	2	16,675	3.4	567	1-68	39	802	15
43-12-0007	5211891	1301678	7 24 59	51	14,380	496	305	2	19,270	3.3	642	3-68	29	696	21
43-12-0007	5211894	1301678	8 15 59	43	13,175	461	305	2	22,030	3.6	795	11-67	29	1161	43
43-12-0007	5108890	1192589	6 20 59	47	13,660	469	297	3	19,180	3.0	581	3-68	33	762	16
43-12-0007	5091072	1301678	4 22 59	37	14,040	493	305	1	22,680	3.2	734	5-67	23	890	25
43-12-0007	5916969	1301678	10 5 62	62	13,985	481	305	2	18,935	3.2	603	1-68	29	699	17
43-12-0007	6259605	1301678	7 7 64	37	14,040	493	305	1	20,100	3.5	699	5-67	23	657	21
43-14-0008	5507387	1210507	9 1 61	43	11,540	400	299	4	14,405	3.2	466	6-67	42	760	12
43-14-0008	6192948	1355784	4 25 63	22	12,850	454	305	3	15,473	3.4	520	4-68	42	806	17
43-14-0029	6528624	1355784	8 1 64	24	11,770	481	305	1	14,670	3.7	548	9-67	35	790	16
43-14-0029	6013397	1355784	7 31 63	19	11,850	461	305	2	14,070	4.1	576	9-67	39	758	22
43-14-0037	5947873	1210507	12 19 62	8	14,443	534	302	3	18,133	3.4	608	5-67	41	886	14
43-16-9017	6424030	1271810	8 29 64	11	12,345	441	305	1	17,330	3.1	542	12-67	40	859	17
43-16-9017	6424029	1271810	8 17 64	16	11,450	411	305	1	16,250	3.4	551	7-67	36	732	18
43-16-9030	6397147	1271810	9 25 64	6	14,995	515	305	2	18,985	3.2	614	2-68	40	785	18
43-16-9030	6001810	1418738	10 17 63	11	13,270	451	305	2	19,900	3.2	627	11-67	32	823	22
43-16-9051	5949965	1271810	11 14 63	10	13,065	462	304	2	17,300	3.2	553	7-67	40	790	16
43-16-9051	6466976	1406271	11 30 65	7	15,440	515	305	1	21,080	3.4	714	2-68	35	933	38
43-16-9051	6466974	1406271	7 12 65	5	15,510	526	302	1	17,030	3.8	649	3-68	35	622	32
43-19-9018	6467244	1406271	1 12 66	27	18,870	670	305	1	21,840	3.5	763	2-68	35	757	31
43-19-9018	6536844	1492073	8 9 61	20	17,500	610	305	1	27,210	3.7	1005	10-67	35	824	29
43-19-9018	4981754	1293580	11 22 59	20	18,136	650	302	3	25,626	3.6	927	2-68	42	687	30
43-19-9018	6302180	1404456	10 26 62	11	17,963	639	305	3	25,613	3.6	912	1-68	32	1137	42
43-19-0034	6502178	1406271	9 5 65	14	14,900	519	305	1	16,740	3.5	582	1-68	35	655	28
43-19-9035	5455271	1301864	11 18 61	6	16,790	632	303	3	21,903	3.7	808	7-67	39	817	32
43-19-9035	6386810	1418353	5 25 65	7	16,740	630	305	1	20,220	3.7	742	9-67	23	612	21
43-19-9035	6396812	1418353	8 20 65	7	16,740	630	305	1	26,640	3.5	938	9-67	23	1193	38
43-19-9035	6374432	1418353	8 12 65	7	16,740	630	305	1	22,820	3.3	752	9-67	23	847	22
43-19-9035	5919124	1418353	9 13 63	8	15,360	586	305	3	24,453	3.6	878	1-68	32	1543	51
43-19-9035	6050401	1418353	10 2 63	7	16,623	650	305	3	19,806	4.1	804	1-68	32	754	33
43-19-9035	6189364	1418353	12 10 64	5	17,285	649	296	2	21,500	3.5	760	4-68	29	846	26
43-19-9035	6151472	1418353	10 11 64	5	17,080	645	300	2	23,235	3.7	853	3-68	29	1078	37
43-19-9035	6147800	1418353	5 12 64	8	16,620	620	305	2	21,255	3.7	793	8-67	29	824	31
43-19-0041	5811555	1387885	9 24 62	19	15,316	547	305	3	19,723	3.4	678	10-67	33	713	21
43-19-0054	6209008	1405489	8 1 64	6	17,910	644	303	2	20,870	3.5	722	10-67	29	640	18
43-19-0054	6209011	1405489	10 20 64	5	20,360	739	305	1	23,690	3.4	803	7-67	23	610	15
43-19-0054	5923600	1405489	9 10 63	7	16,926	611	295	3	20,373	3.6	724	9-67	32	736	24
43-19-0054	5923598	1405489	8 15 63	6	16,626	600	301	3	20,726	3.5	721	9-67	32	821	25
43-19-0054	5970526	1405489	2 25 63	6	17,292	620	300	4	21,402	3.5	742	1-68	33	868	26
43-19-9083	5949977	1413537	11 16 63	14	14,350	490	300	2	17,880	3.5	624	11-67	33	711	22
43-22-9001	5824540	1317831	2 25 63	19	17,980	656	305	3	22,983	3.6	833	10-67	35	830	30
43-22-9001	5856255	1210507	11 19 62	10	16,660	605	305	1	20,230	3.6	722	7-67	35	788	15
43-22-9001	6330582	1443434	9 25 64	24	18,415	674	305	2	23,525	3.6	843	10-67	28	813	27
43-22-9017	6058552	1422431	9 30 63	10	14,595	533	305	2	21,020	3.7	768	5-67	39	1087	59
43-22-9017	6058553	1422431	4 2 64	10	14,040	512	305	1	17,270	3.6	617	11-66	25	635	22

43-22-9017	6058551	1422431	9 12 63	15	13,760	503	305	1	16,480	3.6	594	10-66	25	587	20
43-22-9017	6157842	1422431	4 28 64	13	14,490	531	305	1	22,750	3.5	807	5-67	25	1081	37
43-22-9025	6103212	1367353	2 26 64	38	15,265	551	305	2	19,265	3.3	643	11-67	31	728	23
43-22-9025	6011829	1413537	10 28 63	18	15,280	560	305	2	19,870	3.6	720	1-68	33	843	25
43-22-9026	6067199	1323047	10 1 63	16	14,333	523	302	3	18,626	3.6	664	1-68	34	640	21
43-22-9026	6212328	1323047	10 17 64	13	13,120	479	305	2	18,135	3.6	646	10-67	32	644	21
43-22-9026	6655049	1406271	2 16 66	17	14,020	519	305	1	16,870	3.7	627	1-68	35	711	31
43-22-9026	6655051	1406271	7 18 66	6	13,870	523	305	1	18,410	3.6	658	4-68	35	838	33
43-22-9026	6445083	1406271	9 4 65	19	12,830	474	305	1	20,760	3.5	733	7-67	35	1099	43
43-23-0001	6172409	1398355	5 24 64	31	11,180	395	305	1	17,530	3.5	614	10-67	22	669	25
43-23-9013	6101303	1406271	1 24 64	15	15,785	596	305	2	18,010	3.6	652	12-67	40	725	29
43-23-9013	5777019	1271810	10 30 62	20	15,670	574	305	3	19,716	3.5	682	3-68	42	842	21
43-23-9013	5753917	1271810	8 11 62	20	15,702	581	304	4	18,692	3.5	646	12-67	44	740	16
43-23-9013	6355742	1406271	7 15 65	15	17,820	664	305	1	19,340	3.7	710	3-68	35	640	28
43-23-0034	6365361	1355784	8 14 65	10	15,080	536	285	1	15,190	3.9	587	3-68	35	582	15
43-33-9020	6302250	1210507	11 13 64	22	14,340	516	305	1	21,470	3.1	675	8-67	35	1042	18
43-33-9020	6159977	1271810	8 9 64	27	15,700	559	305	2	19,600	3.2	620	12-67	40	783	14
43-33-9020	6475161	1381027	1 2 66	25	15,550	555	305	1	19,060	3.9	741	3-68	31	586	31
43-33-0025	5789587	1271810	2 3 63	20	13,586	455	305	3	15,606	3.4	527	8-67	42	585	15
43-33-9027	6220535	1259069	1 20 65	13	13,510	498	305	1	20,150	3.5	711	10-67	36	721	20
43-33-0040	5686351	1271810	8 21 62	11	13,292	510	305	4	16,730	3.5	592	10-67	44	765	18
43-33-0040	6330153	1406271	2 10 65	14	13,590	503	305	1	20,470	3.7	752	9-67	35	1026	42
43-33-9041	6271689	1271810	11 17 64	16	14,740	541	304	2	17,000	3.6	618	1-68	40	607	16
43-33-9041	6217690	1271810	12 19 64	24	14,970	556	305	1	18,170	3.6	652	9-67	36	639	15
43-33-9041	6057721	1271810	1 11 64	24	13,745	500	305	2	16,215	3.7	592	10-67	40	618	17
43-35-9023	5934408	1406271	11 6 63	40	13,735	505	305	2	15,150	3.6	539	7-67	40	621	25
43-35-9023	6332287	1406271	2 1 65	38	14,160	513	305	1	17,700	4.5	791	7-67	35	778	44
43-35-9023	5824657	1370173	2 2 63	23	14,640	537	302	3	18,140	3.5	637	12-67	34	683	23
43-35-0065	5837503	1113350	9 19 62	15	14,900	528	302	3	19,660	3.5	681	3-68	42	594	19
43-35-9069	6308901	1210507	4 22 65	20	17,170	625	305	1	20,380	3.4	684	7-67	35	764	11
43-35-9069	6022614	1210507	1 19 64	17	16,415	599	305	2	20,925	3.3	681	10-67	39	958	14
43-35-9069	6159789	1210507	9 8 64	14	16,440	595	305	2	20,050	3.2	642	1-68	39	865	11
43-35-9069	5189176	1210507	9 3 60	20	16,392	596	305	4	21,152	3.5	730	3-67	42	1071	23
43-35-9069	5307552	1210507	1 21 61	11	16,482	595	305	4	21,605	3.5	765	1-68	42	1118	28
43-35-0100	5873257	1199324	3 8 63	24	13,273	489	305	3	14,480	3.6	523	9-67	42	670	21
43-35-0109	5770895	1210507	11 9 62	45	14,450	516	305	3	19,140	3.4	651	8-67	41	1003	21
43-35-0109	5628977	1210507	4 30 62	31	14,950	533	305	2	19,610	3.5	688	5-67	39	958	21
43-35-0109	5628979	1210507	5 29 62	42	14,477	518	305	4	17,517	3.5	617	10-67	42	830	18
43-35-0109	5501956	1210507	8 24 61	18	15,585	551	300	4	17,685	3.5	622	4-67	42	725	15
43-35-9116	6250155	1492073	2 15 62	12	13,160	481	305	1	20,180	3.5	703	1-68	35	585	15
43-35-0118	6450399	1406271	10 31 65	9	14,930	548	281	1	17,310	3.1	545	12-67	35	683	23
43-35-0131	5077036	1283518	11 20 59	17	8,760	321	305	1	14,220	3.3	473	7-67	27	793	22
43-35-9136	5449041	1370173	10 12 61	7	13,096	493	300	5	16,776	3.7	613	4-68	36	687	24
43-35-0138	6381763	1265694	11 13 64	5	11,030	369	305	1	16,470	3.2	526	1-68	35	793	15
43-40-9002	5730316	1210507	11 8 62	5	13,266	466	297	3	16,540	3.3	550	4-67	41	823	14

TABLE 5.—HIGH-RANKING PROGENY OF DHIA SIRE: HOLSTEIN—Continued

COW'S LAST HERD CODE	COW'S REGISTRATION NO.	COW'S SIRE REGISTRATION NO.	COW'S BIRTH DATE (Mo.) (Day) (Yr.)	HERDMATES			AVERAGE PRODUCTION OF COW				LAST CALVING		REPEAT- ABILITY (Pct.)	COW INDEX	
				NUM- BER	MILK (Lb.)	FAT (Lb.)	IN MILK (Days)	REC- ORDS	MILK (Lb.)	FAT (Pct.)	(Mo.) (Yr.)	CAR		MILK	FAT
43-40-9002	6058050	1210507	10 14 63	16	12,283	464	305	3	15,910	3.4	535	10-67	41	853	13
43-40-9002	6076602	1210507	11 8 63	13	12,065	453	305	2	18,340	3.4	631	7-67	39	1095	23
43-40-9002	5908102	1210507	2 13 63	7	12,110	435	305	3	16,410	3.4	550	7-67	41	930	18
43-42-0028	6372607	1397209	8 10 65	10	11,190	398	305	1	13,380	3.2	431	9-67	35	638	17
43-45-0006	5630412	1271810	4 14 62	16	13,906	495	305	3	18,000	3.3	590	6-67	42	827	18
43-46-0037	6359607	1210507	10 1 64	5	12,615	478	299	2	16,700	3.4	561	1-68	39	874	13
43-46-9044	5872586	1413537	8 12 63	7	13,825	426	305	2	18,990	3.0	566	9-67	33	891	22
43-49-9040	6126786	1283950	8 17 64	15	15,340	539	301	2	23,045	3.3	771	10-67	32	847	28
43-50-0057	6059780	1210507	11 29 63	6	12,970	429	305	2	18,295	3.4	631	10-67	39	1006	25
43-50-0065	5880822	1283518	7 11 63	15	11,730	417	304	2	20,100	4.0	813	1-68	32	1284	55
43-52-0006	5811210	1271810	4 28 63	64	15,300	526	305	3	18,820	3.5	667	10-67	42	777	24
43-52-0006	6080825	1271810	6 12 64	45	14,340	515	305	2	18,180	3.3	608	9-67	40	763	17
43-52-0006	6121742	1259069	8 14 64	82	15,550	546	305	1	22,560	3.1	693	11-67	36	763	16
43-52-0006	6141185	1438285	10 15 64	89	16,340	558	305	2	19,050	3.3	621	3-68	31	655	17
43-52-0006	6111104	1341571	12 24 63	64	14,930	511	305	2	17,900	3.5	631	7-67	32	580	34
43-52-0006	6098419	1427346	1 25 64	53	14,690	515	305	2	19,990	3.5	702	8-67	30	869	33
43-52-0006	6208786	1406271	12 21 64	93	16,220	554	191	2	19,550	3.5	691	1-68	40	829	36
43-52-0006	6348626	1406271	5 28 65	53	14,930	524	305	1	17,530	3.7	655	12-67	35	712	33
43-52-0006	6354443	1271810	8 12 65	74	15,350	537	305	1	21,650	3.0	652	11-67	36	872	17
43-52-0006	6270460	1271810	1 10 65	53	14,190	505	305	1	17,100	3.5	601	8-67	36	611	15
43-52-0006	6270463	1406271	2 27 65	60	14,690	507	305	1	16,580	4.1	682	7-67	35	657	37
43-52-0006	6313773	1419755	6 14 65	66	15,010	532	305	1	20,730	3.4	698	10-67	23	622	18
43-52-0006	6271076	1406271	2 17 65	88	15,710	541	305	1	20,840	3.6	740	5-67	35	909	39
43-52-0006	5440258	1210507	7 21 61	72	15,663	535	305	3	18,676	3.5	645	10-67	41	821	18
43-52-0006	5440272	1271810	11 19 61	58	15,745	537	305	4	19,437	3.2	631	4-68	44	827	19
43-52-0006	6556586	1383311	3 19 66	56	16,170	558	305	1	21,250	3.2	677	4-68	28	667	17
43-65-0017	5935073	1373055	9 7 63	40	14,940	564	294	3	18,533	4.0	742	12-67	42	710	25
43-65-0017	5943895	1324354	7 23 63	27	15,045	568	305	2	21,675	3.4	747	3-67	40	739	24
43-65-0017	5883261	1330987	7 17 63	29	14,503	549	305	3	17,700	4.2	741	12-67	42	697	40
43-66-9002	5887329	1271810	7 4 63	16	16,120	559	301	3	19,046	3.6	683	10-67	42	719	22
43-66-0023	6288083	1406271	10 24 64	9	13,620	461	305	1	17,780	3.6	632	2-68	35	807	35
43-68-0002	6346141	1271810	1 27 65	30	16,745	623	305	2	19,215	3.6	696	10-67	40	648	16
43-68-0002	5654290	1271810	8 13 62	27	16,405	610	305	4	21,417	3.8	808	12-67	44	998	33
43-68-0002	6087866	1355784	3 22 64	14	17,050	639	305	3	18,870	3.4	647	3-68	42	762	13
43-68-0002	6027935	1271810	11 13 63	28	16,630	620	305	3	20,933	3.9	807	12-67	42	883	30
43-68-0002	6027934	1355784	10 28 63	33	16,796	625	305	3	23,296	3.6	841	10-67	41	1325	37
43-68-0005	6091290	1387097	1 14 64	12	13,935	503	304	2	18,070	3.4	619	12-67	29	602	16
43-68-0005	5912946	1387097	5 27 63	17	14,105	509	305	2	20,425	3.5	718	9-67	29	869	28
43-68-0005	6457837	1387097	11 24 64	21	14,670	520	305	1	20,380	3.3	668	11-67	23	634	16
43-71-0007	6400450	1406271	8 3 65	9	14,490	513	305	1	16,530	3.4	566	8-67	35	667	27
43-71-0007	6552439	1355784	11 10 65	6	14,920	547	305	1	18,240	3.4	621	2-68	35	823	17
43-71-0007	5919928	1271810	8 19 63	8	13,570	503	297	3	20,133	3.1	616	10-67	42	1108	20
43-71-9009	5635977	1210507	8 21 62	6	13,042	433	303	4	18,572	3.2	600	8-67	42	1126	25
43-71-0027	6323283	1271810	9 30 64	19	10,705	391	303	2	13,470	3.7	498	8-67	40	617	17
43-75-0003	6052840	1210507	4 6 63	6	13,763	493	289	3	16,300	3.3	545	9-67	41	743	11

43-75-0041	5672073	1210507	6 29 62	20	13,255	489	259	4	17,377	3.5	612	12-67	B	42	950	20
43-75-0041	5878482	1210507	11 13 62	30	13,040	488	256	3	15,706	3.8	598	11-67	B	41	750	18
43-75-0041	5878483	1210507	17 12 60	17	12,400	443	304	3	15,436	3.3	511	6-67	B	41	785	12
43-75-0075	5524533	1265694	3 22 61	26	13,972	498	305	4	20,765	3.4	714	10-67		43	1208	30
43-75-0087	5679555	1199324	8 19 62	9	14,380	477	305	3	19,223	3.7	716	2-67		42	1101	44
43-75-0087	5978337	1199324	10 12 63	26	14,905	511	305	2	16,485	3.0	499	8-67		40	726	17
43-89-9002	5887850	1269172	5 7 63	28	13,933	498	305	3	17,850	3.2	563	11-67		37	597	15
43-89-9002	6589463	1210507	11 3 64	25	14,100	501	305	1	18,090	3.3	601	5-67		35	800	13
43-89-9002	6589462	1210507	10 18 64	25	14,100	501	305	1	18,250	3.1	564	5-67		35	812	10
43-89-9002	6302179	1296322	2 11 65	21	13,480	480	305	1	19,850	3.4	681	11-67		27	650	20
43-92-9002	6371367	1271810	1 7 64	29	15,970	588	305	2	18,090	3.6	655	2-68		40	605	15
43-92-9002	5886717	1283917	9 1 63	14	15,166	546	305	3	19,043	3.3	637	2-68		42	766	11
43-92-9002	5748483	1381747	1 12 63	14	16,753	617	305	3	21,546	3.6	778	3-68		33	814	29
43-92-9002	6528661	1406271	8 2 65	7	16,020	611	305	1	20,830	3.6	754	1-68		35	888	35
43-92-9002	6170501	1283917	2 3 64	33	15,295	536	303	2	19,505	3.4	663	7-67		40	757	14
43-94-9001	6457784	1444543	11 20 65	22	16,200	581	305	1	23,040	3.0	698	4-68		22	787	15
43-95-0002	6517692	1406271	9 25 65	5	11,970	433	305	1	16,700	4.1	686	10-67		35	851	42
43-95-0002	6517693	1406271	12 3 65	11	14,750	520	305	1	23,070	3.2	740	11-67		35	1130	40
43-95-0002	6517694	1406271	1 3 66	15	16,620	567	305	1	18,710	3.6	666	3-68		35	674	31
43-95-0002	6159973	1271810	5 17 64	17	15,260	539	305	2	18,360	3.3	610	3-68		40	697	15
43-95-0002	5910926	1271810	9 12 63	21	14,860	528	305	3	16,836	3.6	605	12-67		42	595	17
45-02-9006	6291253	1329588	11 10 64	14	13,370	442	305	2	19,340	3.4	667	12-67		40	852	29
45-02-9019	6316114	1199324	10 30 64	15	17,165	587	297	2	20,370	3.8	770	12-67		40	914	37
45-02-0036	6455877	1305460	12 19 64	16	15,885	540	305	2	21,670	3.3	712	1-68		40	728	16
45-08-0001	6718007	1311429	12 17 65	23	14,360	467	305	1	19,700	3.2	630	1-68		35	897	19
45-23-0005	5275714	1267913	8 16 60	11	14,797	542	305	4	18,172	3.7	673	12-67		36	581	24
45-37-0007	6266075	1311429	10 31 64	9	16,950	660	305	1	20,990	3.4	710	2-67		35	794	12
45-37-0007	5955537	1291784	12 12 63	9	15,880	609	305	2	19,325	4.0	769	3-67		39	604	30
45-47-0001	5777335	1388468	1 12 63	23	13,290	491	305	3	18,596	4.1	751	10-67		32	829	45
45-47-0001	5777331	1228346	12 12 62	24	13,575	508	298	4	18,045	3.8	694	3-68		42	708	25
45-47-0001	5843331	1388468	6 24 63	23	13,696	514	305	3	17,303	3.9	676	3-68		32	630	32
45-47-0001	6162869	1330987	9 7 64	23	13,335	515	305	2	16,145	4.2	685	12-67		40	603	35
45-47-0026	6444193	1417208	10 8 64	19	12,530	470	305	1	19,060	3.5	667	2-68		35	860	30
45-51-0038	6417414	1389588	2 12 65	13	14,150	528	305	1	19,430	3.6	691	7-67		24	584	18
46-01-0022	6570384	1386406	9 21 65	11	14,230	519	305	1	17,390	3.3	574	12-67		35	621	20
46-01-9064	6025316	1283917	12 16 63	19	15,415	586	305	2	22,810	3.2	737	10-67		40	1082	17
46-01-0067	6073242	1379495	1 19 64	7	11,570	442	281	1	16,260	3.9	631	10-67		23	616	22
46-01-0067	6073243	1379495	2 5 64	7	11,570	442	305	1	20,100	3.5	697	10-67		23	964	28
46-03-0018	6535120	1434066	6 10 64	9	11,440	422	305	1	18,350	3.4	632	6-67		19	639	20
46-03-9033	5610513	1236789	10 1 59	13	14,134	497	303	5	16,156	3.8	609	3-68		44	593	25
46-03-9033	6079586	1329588	1 4 64	10	13,386	462	300	3	19,686	4.3	837	2-68		42	961	49
46-05-9039	6069330	1277665	1 17 63	26	13,236	468	302	3	18,710	3.5	664	1-68		32	858	33
46-05-9039	6508067	1360676	11 3 65	26	13,570	474	305	1	15,280	3.5	534	1-68		28	616	24
46-05-9039	6114160	1190953	12 25 63	24	11,160	405	280	1	17,250	3.9	669	10-67		31	665	33
46-12-0002	6233522	1386406	9 20 64	18	15,245	544	291	2	18,915	3.6	682	12-67		40	744	29

TABLE 5.—HIGH-RANKING PROGENY OF DHIA SIRE: HOLSTEIN—Continued

COW'S LAST HERD CODE	COW'S REGISTRATION NO.	COW'S SIRE REGISTRATION NO.	COW'S BIRTH DATE (Mo.) (Day) (Yr.)	HERDMATES			AVERAGE PRODUCTION OF COW					LAST CALVING		REPEAT- ABILITY (Pct.)	COW INDEX	
				NUM- BER	MILK (Lb.)	FAT (Lb.)	IN MILK (Days)	REC- ORDS	MILK (Lb.)	FAT (Pct.)	FAT (Lb.)	(Mo.) (Yr.)	CAR		MILK	FAT
46-15-9005	6502028	1244009	5 25 65	35	14,470	523	305	1	21,330	3.3	708	11-67	36	949	24	
46-26-0018	5766228	1199324	1 7 63	8	14,230	501	305	3	16,960	3.4	569	12-67	42	856	25	
46-26-9025	5453494	1199324	10 23 61	8	15,586	569	305	5	19,056	3.7	707	10-67	44	989	35	
46-26-0042	6170945	1329588	12 4 64	10	13,850	499	305	2	19,395	3.3	633	3-68	40	813	20	
46-26-0076	5916456	1411971	11 9 63	8	14,820	528	305	3	18,326	3.7	676	2-68	33	603	23	
46-41-0009	6449111	1244009	8 13 64	10	15,160	547	305	2	17,250	3.6	618	11-67	40	633	17	
46-55-0008	6240211	1383004	1 16 65	5	14,200	564	297	1	23,220	3.6	834	11-67	35	806	40	
46-60-9001	6234876	1447309	11 30 64	17	13,920	553	305	1	18,810	4.1	764	4-67	24	696	29	
46-60-9001	5585313	1259069	5 31 62	18	14,045	530	303	4	18,585	3.7	686	10-67	44	766	24	
46-60-9001	6366283	1447309	8 14 65	19	16,000	618	305	1	23,150	3.8	874	9-67	24	916	33	
46-60-9001	6344625	1406271	7 8 65	19	16,180	627	305	1	20,900	3.8	785	9-67	35	882	36	
46-60-0003	6522226	1445560	10 9 65	6	16,010	631	305	1	22,740	3.5	794	1-68	24	775	22	
46-60-0003	6488846	1445560	12 4 65	6	15,900	604	305	1	21,340	3.6	776	4-68	24	658	23	
46-60-0003	6488845	1445560	9 26 65	6	15,900	604	305	1	20,670	3.8	788	4-68	24	598	24	
46-60-9006	6266736	1422258	10 8 64	8	15,965	618	305	2	19,975	3.6	726	11-67	32	615	25	
46-60-9006	6309040	1447170	6 14 65	9	15,730	611	305	1	21,830	3.6	793	8-67	24	692	23	
46-60-9006	6303572	1422258	1 29 65	6	15,850	612	305	1	21,890	3.6	795	8-67	27	671	29	
46-60-9006	6223887	1447170	10 3 64	12	16,160	639	305	1	21,390	3.6	780	10-66	23	597	18	
46-60-9007	4353655	1198047	1 24 57	8	18,020	673	305	7	21,842	3.7	813	1-68	42	624	21	
46-60-0012	6531841	1447309	10 8 65	14	14,700	542	305	1	19,650	3.5	695	12-67	24	708	23	
46-60-0012	6121481	1283917	4 8 63	9	14,800	565	286	3	18,633	3.4	636	12-67	42	757	9	
46-60-0036	6297382	1303076	8 15 64	14	12,990	530	305	2	18,245	3.9	718	11-67	34	657	25	
46-60-0036	6037463	1392256	1 28 64	8	14,256	568	305	3	18,426	3.9	717	2-68	32	609	24	
46-70-0002	6029045	1222994	2 5 64	10	13,300	492	305	2	15,685	3.8	601	5-67	40	583	23	
46-70-0002	6295178	1222994	4 12 65	9	13,770	511	305	1	18,800	3.9	737	4-67	36	741	30	
46-70-0002	6194807	1222994	12 30 64	9	13,770	511	305	1	18,840	3.6	674	4-67	36	744	25	
46-70-9010	5656111	1357545	9 25 62	25	12,177	453	295	4	16,065	3.8	614	7-67	33	599	25	
46-70-0013	6139604	1418772	7 13 64	9	13,390	491	300	2	17,355	3.6	627	3-68	28	653	23	
46-70-0013	6378275	1395845	9 29 65	19	14,220	516	305	1	19,380	3.5	686	10-67	23	662	25	
46-70-0013	6363383	1395845	9 15 65	23	13,740	495	305	1	20,680	4.1	856	9-67	23	818	42	
46-70-0013	6378273	1395845	5 29 65	23	13,740	495	305	1	18,070	4.1	740	9-67	23	582	32	
46-70-0013	6445337	1418772	1 3 66	9	12,780	498	297	1	17,250	4.0	685	3-68	22	588	24	
46-70-0013	6408614	1418772	12 11 65	15	13,810	522	305	1	19,300	3.6	703	2-68	22	691	23	
46-70-9014	6402001	1422258	12 1 65	15	13,400	512	305	1	19,500	3.9	753	12-67	27	655	33	
46-70-9014	5428129	1215799	11 22 61	32	13,892	519	305	4	18,357	3.6	663	1-68	40	645	24	
46-70-9014	5371386	1317412	7 31 61	22	13,620	509	303	5	18,620	3.8	712	2-68	36	738	34	
46-70-9014	5383307	1317412	4 9 61	21	13,542	504	302	5	19,672	3.8	743	4-68	36	904	39	
46-70-9014	6211873	1447170	12 31 64	22	12,440	478	298	1	17,630	3.9	692	6-67	24	582	24	
46-70-9014	5850016	1317412	7 26 63	31	13,276	504	304	3	17,806	3.7	655	1-68	33	593	24	
46-70-9015	5725185	1338043	2 1 63	22	14,380	517	305	3	18,773	3.9	727	8-67	35	648	39	
46-70-9015	5681511	1391280	10 17 62	17	14,730	546	305	3	20,193	3.3	664	4-68	32	881	17	
46-70-9015	6184101	1391280	11 13 64	19	15,870	583	305	1	23,100	3.3	765	1-68	24	815	17	
46-70-9015	6114630	1391280	7 24 64	12	15,575	573	305	2	21,365	3.0	644	12-67	29	891	11	
46-70-9015	6082871	1391280	5 27 64	16	13,900	514	305	2	20,040	3.1	630	9-67	29	913	15	
46-70-9015	5898913	1391280	9 25 63	25	14,845	554	305	2	18,970	3.6	689	9-67	29	683	18	

47-02-0005	6438399	1333706	3 11 65	9	10,970	382	305	1	14,690	3.2	465	5-67	28	659	15
47-02-0007	5250274	1347112	12 26 60	14	12,113	465	302	3	16,260	3.8	613	11-67	38	668	27
47-13-0003	6470430	1359626	8 30 65	11	11,510	396	305	1	16,080	3.1	497	10-67	32	664	17
47-13-0022	6307615	1288309	12 13 64	8	10,910	370	305	1	17,560	3.6	631	7-67	35	598	19
47-13-0024	5441145	1352979	2 20 61	7	13,512	466	305	4	17,345	3.0	528	10-67	43	747	12
47-13-0024	5939715	1271810	10 30 63	6	13,770	460	305	2	17,635	3.2	556	8-67	40	760	17
47-13-0024	6237936	1288309	10 5 64	8	14,475	485	293	2	19,280	3.4	646	11-67	40	632	16
47-20-0068	6355317	1386406	2 25 65	7	12,360	421	305	1	20,440	3.4	702	10-67	35	978	36
47-28-0002	6315370	1304553	2 16 64	33	14,940	546	305	2	19,940	3.7	739	8-67	30	695	31
47-28-0002	6266445	1283917	11 8 64	33	16,500	600	305	2	22,815	3.3	760	12-67	40	983	18
47-28-0002	6063102	1199324	11 24 63	13	16,000	584	275	2	18,580	3.6	663	1-68	40	839	26
47-28-0008	5930644	1365058	6 2 63	25	14,446	536	305	3	17,846	3.7	666	7-67	35	722	24
47-28-0008	5977208	1365058	8 1 63	36	13,916	523	305	3	17,986	3.5	636	10-67	38	769	18
47-28-0008	5977213	1365058	9 13 63	44	14,500	544	305	3	19,333	3.2	609	11-67	38	843	11
47-28-0008	5749240	1365058	6 15 62	37	14,980	563	305	4	18,845	3.7	698	3-68	40	755	21
47-28-0008	5874427	1365058	1 31 63	29	15,275	561	305	2	20,465	3.7	767	6-67	32	896	31
47-28-0058	6428029	1427381	6 27 65	25	13,190	515	305	1	17,920	3.8	684	8-67	24	1163	45
47-28-0075	6315362	1418083	3 12 64	11	13,945	495	305	2	20,265	3.5	706	9-67	33	858	25
47-28-0080	5375287	1173577	5 18 60	6	12,195	429	305	4	15,545	3.7	575	7-67	42	670	20
47-28-0080	6208983	1210507	8 26 63	6	14,585	517	305	2	17,865	3.3	585	8-67	39	811	12
47-28-0089	5716422	1221835	7 11 62	53	13,270	458	300	4	16,427	3.1	503	9-67	44	729	15
47-28-0097	5671404	1405979	10 6 62	7	13,186	494	305	3	17,823	3.8	743	8-67	32	729	30
47-28-0097	5624950	1405979	4 22 62	6	12,340	473	305	2	17,210	4.3	733	8-67	29	681	39
47-28-0097	5916987	1405979	9 7 63	17	12,623	483	304	3	16,456	3.8	630	9-67	32	611	26
47-34-0016	6162158	1276654	8 23 64	14	13,605	528	305	2	17,960	3.9	709	10-67	40	595	23
47-34-0043	6510289	1347065	9 8 64	7	13,270	510	305	2	18,460	3.7	678	10-67	40	590	15
47-41-0009	5760575	1173577	9 22 62	44	15,803	531	305	3	19,850	3.1	616	11-66	41	770	13
47-48-0005	6475899	1383468	9 30 65	19	15,520	587	305	1	20,230	3.6	731	1-68	34	704	15
47-48-0005	6429540	1383468	8 11 65	32	15,870	605	305	1	19,560	3.9	768	12-67	34	628	16
47-48-0005	6186646	1383468	8 29 64	50	15,460	594	305	2	18,700	3.9	728	3-68	38	651	18
47-48-0005	6316555	1383468	9 24 64	41	15,180	584	305	2	21,940	3.4	741	8-67	38	1032	21
47-48-0022	6000653	1383926	9 27 63	14	13,910	516	305	2	18,300	3.8	697	12-67	39	780	36
47-48-0023	6274417	1249430	11 2 64	11	11,700	432	305	1	18,210	3.6	647	9-67	36	625	24
47-48-0033	6073469	1249430	12 14 63	10	14,335	537	305	2	18,615	3.5	643	9-67	40	586	19
47-55-0005	6522046	1331709	12 22 65	47	13,910	502	305	1	21,980	3.0	658	2-68	34	990	17
47-55-0093	6265776	1347065	2 19 65	5	12,690	478	299	1	20,000	3.6	727	7-67	35	594	16
47-55-0112	6267262	1380032	1 17 65	47	16,310	555	305	1	19,800	3.6	714	6-67	26	631	21
47-55-0112	6288828	1363117	2 2 65	32	18,090	608	305	2	21,645	3.4	732	4-68	31	651	19
47-55-0112	6345034	1265694	4 11 65	54	15,910	551	305	1	21,290	3.6	775	9-67	35	825	21
47-55-0112	6345039	1265694	7 11 65	50	16,780	579	305	1	19,490	3.7	728	12-67	35	630	16
47-55-0112	6545166	1359626	11 3 65	53	16,950	585	305	1	21,440	3.1	673	12-67	32	701	18
47-55-0112	6048137	1333706	12 25 63	49	17,110	600	305	2	20,640	3.3	689	6-67	33	785	20
47-55-0112	6027163	1210507	8 28 63	65	17,280	606	300	3	19,033	3.6	683	1-68	41	692	15
47-55-0112	6027165	1210507	10 10 63	51	16,780	592	305	2	21,500	3.2	688	6-67	39	983	16
47-55-0112	5891269	1363117	4 5 63	61	17,286	609	305	3	22,700	3.1	710	2-68	34	936	18

TABLE 5.—HIGH-RANKING PROGENY OF DHIA SIRE: HOLSTEIN—Continued

COW'S LAST HERD CODE	COW'S REGISTRATION NO.	COW'S SIRE REGISTRATION NO.	COW'S BIRTH DATE (Mo.) (Day) (Yr.)	HERDMATES			AVERAGE PRODUCTION OF COW				LAST CALVING		REPEAT- ABILITY (Pct.)		COW INDEX	
				NUM- BER	MILK (Lb.)	FAT (Lb.)	IN MILK (Days)	REC- ORDS	MILK (Lb.)	FAT (Pct.)	(Mo.) (Yr.)	CAR			MILK	FAT
47-55-9112	6150235	1265694	9 7 64	70	16,740	586	302	2	20,690	3.6	751	10-67	40		813	22
47-55-9112	5786314	1380032	6 26 62	47	16,640	587	305	3	18,946	3.5	660	6-67	34		615	17
47-55-9112	5821790	1300012	12 27 62	45	17,273	610	305	3	23,423	3.5	809	6-67	41		1041	26
47-55-9112	5802366	1173577	12 19 62	50	17,853	630	297	3	22,150	3.5	770	2-67	41		823	20
47-56-9010	6285079	1222994	1 11 65	19	16,690	577	305	1	21,180	3.6	759	5-67	36		723	27
47-56-9010	6285077	1222994	10 30 64	19	16,690	577	284	1	19,620	3.6	698	5-67	36		606	23
47-60-9047	5811439	1333706	4 12 63	14	17,253	643	305	3	18,936	3.6	689	6-67	36		594	16
47-60-9047	5856072	1300012	2 3 63	23	17,250	649	305	3	23,703	3.7	878	10-67	41		1077	30
47-60-9047	5351377	1333706	4 26 61	20	17,640	656	305	5	20,026	3.5	707	9-67	38		720	18
47-60-9047	5183141	1333706	9 17 60	19	17,194	636	305	5	20,200	3.4	695	5-67	38		802	19
47-61-9002	5201360	1347065	8 15 60	6	16,122	577	305	4	21,045	3.6	767	10-67	43		706	23
47-61-9002	5327724	1347065	2 15 61	7	13,932	512	305	4	20,560	3.1	643	7-67	43		874	14
47-61-9002	6492535	1359626	11 26 65	6	15,030	507	305	1	21,240	3.6	761	4-68	33		732	26
47-61-9011	6437389	1359626	7 1 65	16	14,680	584	305	1	23,310	3.7	862	4-68	33		918	29
47-61-9011	5805778	1347065	2 3 63	35	15,136	562	305	3	20,503	3.7	751	11-67	42		692	21
47-61-9011	5758185	1359626	1 30 62	25	14,160	518	305	4	17,850	3.8	678	1-68	40		767	30
47-61-9011	5679741	1359626	9 6 62	29	14,110	515	305	2	17,995	4.1	733	11-66	33		675	35
47-61-9011	5679735	1359626	6 8 62	31	14,190	514	305	3	18,073	3.8	684	11-66	33		729	32
47-61-9011	5679740	1359626	8 12 62	20	15,310	561	305	2	18,835	3.4	648	9-67	30		647	20
47-61-9011	5679736	1359626	6 19 62	31	14,482	540	305	4	18,370	3.7	676	11-67	41		716	24
47-61-9011	6187768	1210507	1 9 64	25	16,270	618	305	1	23,160	3.6	835	5-67	35		1039	23
47-61-9011	5954197	1210507	11 21 63	25	16,270	618	305	1	21,390	3.5	746	5-67	35		903	16
47-61-9011	5954192	1210507	10 26 63	25	15,460	570	305	2	20,430	3.5	711	5-67	39		995	20
47-61-0039	5729497	1173577	8 11 62	41	11,866	444	298	3	14,890	3.9	579	10-66	41		604	18
47-61-0039	5362317	1344284	7 16 61	36	11,648	440	294	5	16,354	3.4	557	11-67	36		755	16
47-61-9040	6257360	2759320	11 21 62	8	15,030	525	305	3	21,713	3.2	690	1-68	41		884	25
47-61-9051	6001116	1300012	11 11 63	14	15,423	558	295	3	20,643	3.4	697	1-68	41		909	18
47-61-9052	5207536	1315379	12 27 59	13	13,660	492	305	6	18,463	3.4	619	7-67	36		752	22
47-69-0005	6428160	1359626	9 12 65	27	14,600	502	303	1	21,750	3.4	731	10-67	32		895	28
47-70-0019	6000885	1210507	9 11 63	29	14,905	482	305	2	18,445	3.0	551	2-67	39		842	12
47-70-0019	5586452	1173577	3 16 62	18	14,087	452	296	4	18,720	3.1	573	3-67	42		855	17
47-71-0019	5456828	1173577	11 7 61	16	14,142	500	296	4	18,140	3.5	633	2-67	42		776	19
47-71-0059	6527078	1386406	9 8 65	11	13,930	531	305	1	17,050	3.8	646	11-67	35		616	24
47-74-9003	5943497	1415185	10 2 63	16	15,253	558	305	3	18,010	3.8	682	11-67	35		627	31
47-74-0007	4575097	1087974	10 12 57	9	14,260	514	305	2	18,155	3.6	660	6-67	40		768	28
47-76-0002	5836099	1173577	1 16 63	27	14,453	535	305	3	20,406	3.4	698	1-67	41		977	22
47-79-9010	5719433	1310488	11 27 62	16	13,850	470	297	3	19,556	3.1	606	8-67	33		870	21
47-79-9010	5922965	1310488	8 26 63	17	13,096	446	305	3	18,296	3.2	592	10-67	33		793	22
47-80-9012	6381108	1449357	4 18 65	18	15,345	583	301	2	22,590	3.4	773	3-68	30		956	32
47-88-0009	5313885	1347112	2 19 61	13	12,790	475	305	5	16,676	3.5	583	9-67	40		691	23
47-93-9008	5692237	1173577	9 9 61	14	12,266	460	301	3	18,393	3.5	640	12-66	41		972	23
48-03-9106	6306911	1361770	11 22 64	28	12,820	466	302	1	17,050	3.2	549	9-67	22		591	16
48-03-9106	6055747	1361770	11 5 63	26	12,850	475	305	1	17,360	3.7	644	7-67	22		617	24
48-03-9106	6055749	1361770	11 12 63	22	13,225	471	305	2	16,500	3.5	583	5-67	28		592	21
48-03-9106	6197865	1361770	9 24 64	29	12,870	472	305	1	18,450	3.6	669	6-67	22		714	26

48-05-0003	6646894	1283917	10 2 64	7 14,155	482	305	2 19,385	3.0	585	2-68	40	849	11
48-05-0003	6436160	1283917	7 24 64	8 12,705	436	281	2 18,365	3.1	566	12-67	40	878	13
48-05-0003	6436166	1283917	11 16 64	6 14,555	498	295	2 18,655	3.3	611	3-68	40	739	12
48-08-9003	6410073	1386406	11 12 65	54 14,560	552	305	1 17,800	3.1	554	11-67	35	629	16
48-08-9003	5535156	1128307	1 10 59	17 14,825	548	300	4 19,825	4.0	794	3-68	42	706	42
48-08-9003	4962059	1106455	10 23 59	38 14,892	564	305	4 20,002	4.6	927	3-67	43	602	47
48-08-9003	6524944	1406271	1 4 66	18 13,880	518	305	1 19,210	4.0	773	1-68	35	911	43
48-08-9003	5710966	1388721	10 24 62	37 14,620	550	305	3 22,116	4.0	895	8-67	34	1147	52
48-08-9003	5673218	1388721	8 6 62	35 14,546	561	305	3 26,180	3.9	1028	5-67	33	1695	69
48-08-9003	5718740	1271810	11 2 62	41 14,223	532	278	3 17,040	3.8	643	7-67	42	684	20
48-08-9003	5637427	1388721	6 28 62	33 14,887	567	305	4 26,512	3.9	1027	3-68	36	1786	72
48-08-9003	6146643	1388721	7 4 64	33 14,680	558	294	2 18,360	3.5	639	10-67	32	594	17
48-08-9003	6146642	1388721	7 3 64	35 14,620	555	305	2 19,365	3.6	693	10-67	32	716	23
48-08-9003	6105294	1388721	4 2 64	18 14,300	539	305	2 20,270	3.7	758	9-67	30	849	33
48-08-9003	6316133	1392400	7 31 64	54 14,990	565	305	1 21,100	3.8	806	12-67	24	805	26
48-08-9003	6380470	1406271	7 10 65	56 14,610	554	305	1 18,750	3.6	674	10-67	35	826	33
48-08-9003	6326261	1406271	4 23 65	59 14,640	560	305	1 15,790	3.9	612	8-67	35	601	28
48-08-0038	6140116	1394010	6 6 64	58 13,060	456	298	2 19,315	3.5	672	11-67	29	719	25
48-08-0038	5460105	1344262	10 20 61	84 13,340	458	305	2 18,740	3.1	588	2-68	30	714	17
48-13-9008	6241743	1418834	11 1 64	20 15,285	533	305	2 20,955	3.3	699	1-68	30	706	20
48-13-9051	6180512	1415015	7 2 64	9 15,045	525	305	2 20,115	3.4	691	3-68	30	1102	39
48-13-9051	6180510	1415015	6 1 64	10 13,530	486	305	2 17,980	3.8	675	9-67	30	998	41
48-13-9051	6180515	1415015	10 20 64	10 13,995	498	303	2 18,030	3.7	667	12-67	30	967	39
48-13-9051	6180517	1415015	12 1 64	7 14,200	509	305	1 20,640	3.6	741	7-67	24	1083	41
48-13-9051	6180516	1415015	10 22 64	7 14,200	509	305	1 18,530	3.7	683	7-67	24	896	36
48-13-9051	5372111	1330649	7 20 60	15 14,460	522	305	4 17,502	3.4	601	7-67	37	631	15
48-13-9051	4913629	1013415	5 21 59	15 14,338	506	305	6 18,376	3.3	615	11-67	44	606	15
48-13-9051	6414610	1415015	3 18 65	7 14,200	509	305	1 18,400	3.7	679	7-67	24	884	36
48-13-9051	6414612	1415015	7 18 65	9 14,760	521	305	1 20,030	3.4	680	2-68	24	1000	35
48-13-9051	6469483	1415015	9 14 65	8 13,730	489	305	1 22,600	3.8	858	12-67	24	1311	54
48-13-9051	6469482	1415015	8 16 65	7 13,320	476	305	1 21,670	3.3	719	11-67	24	1246	42
48-13-9051	6469484	1415015	9 27 65	7 14,590	514	305	1 16,530	3.4	563	1-68	24	702	25
48-13-9051	6077262	1415015	1 2 64	7 12,950	469	305	2 17,450	3.6	631	10-67	30	997	38
48-13-9051	6077264	1415015	1 18 64	5 12,770	454	305	2 17,970	3.4	618	8-67	30	1078	38
48-13-9051	6077267	1415015	4 24 64	6 13,245	479	305	2 18,185	4.2	771	8-67	29	958	51
48-13-9051	6077265	1415015	1 20 64	8 12,950	467	305	2 16,135	3.8	617	8-67	30	841	36
48-13-9051	6077263	1415015	1 18 64	6 13,245	479	305	2 16,070	3.9	630	8-67	29	706	34
48-13-9051	5932787	1415015	9 22 63	11 13,873	497	305	3 15,453	3.9	604	12-67	33	662	33
48-13-9051	5932788	1415015	10 20 63	8 12,950	467	301	2 15,840	3.6	567	9-67	30	805	31
48-13-9051	5932785	1415015	9 4 63	12 14,436	514	304	3 17,690	3.6	642	2-68	33	905	36
48-13-9059	6241748	1391173	9 10 64	44 12,740	453	303	2 17,665	3.4	607	9-67	39	738	20
48-14-0001	5919924	1390505	9 27 63	36 13,136	521	305	3 16,913	4.0	681	10-67	38	599	24
48-14-0001	6464881	1234506	8 18 65	30 14,000	564	305	1 18,150	3.9	715	9-67	35	749	17
48-14-0001	6330453	1439097	1 28 65	8 13,330	502	288	2 18,345	3.5	641	4-68	38	811	25
48-14-0001	5601982	1281874	7 27 61	33 13,210	520	305	5 21,978	3.7	817	10-67	44	1177	37

TABLE 5.—HIGH-RANKING PROGENY OF DHIA SIRE: HOLSTEIN—Continued

COW'S LAST HERD CODE	COW'S REGISTRATION NO.	COW'S SIRE REGISTRATION NO.	COW'S BIRTH DATE (Mo.) (Day) (Yr.)	HERDMATES			AVERAGE PRODUCTION OF COW				LAST CALVING (Mo.) (Yr.)		REPEAT- ABILITY (Pct.)	COW INDEX	
				NUM- BER	MILK (Lb.)	FAT (Lb.)	IN MILK (Days)	REC- ORDS	MILK (Lb.)	FAT (Pct.)	FAT (Lb.)	CAR		MILK	FAT
48-14-9020	5879120	1410117	5 25 63	8	17,330	627	305	3	20,516	3.3	667	11-67	32	702	17
48-14-9020	6416350	1410117	10 19 65	9	17,870	639	305	1	21,260	3.8	804	11-67	23	592	28
48-14-9020	6416346	1406271	7 28 65	5	16,600	581	305	1	20,860	3.4	718	11-67	35	850	34
48-14-9020	4497277	1234506	8 56	6	16,580	612	302	9	19,580	3.4	658	12-67	44	810	12
48-14-9028	6396730	1234506	9 14 65	30	14,370	549	305	1	20,000	3.3	668	9-67	35	864	14
48-14-0037	6242913	1421258	9 25 64	63	14,420	504	305	1	19,870	3.3	665	8-67	23	589	22
48-14-0037	6242910	1421258	8 19 64	61	14,280	497	305	1	20,500	3.6	735	9-67	23	657	29
48-14-0040	6106462	1199324	10 19 63	26	13,880	535	303	3	18,066	3.9	698	11-67	42	1019	36
48-14-0045	6237614	1294703	12 17 64	15	12,530	465	305	1	15,480	3.4	532	5-67	35	651	15
48-14-9045	6237613	1294703	12 12 64	15	12,530	465	305	1	21,760	3.9	847	5-67	35	1125	39
48-14-9045	6506280	1410117	10 15 65	14	13,670	506	305	1	17,730	4.1	732	3-68	23	614	32
48-14-9117	5485056	1271810	12 13 61	12	16,105	523	304	4	19,505	3.4	671	7-67	44	795	26
48-14-9117	6383319	1406271	9 25 65	28	16,220	528	305	1	20,030	3.0	605	10-67	35	814	29
48-14-9117	6366243	1406271	7 14 65	32	16,390	536	305	1	20,770	3.5	734	10-67	35	845	38
48-14-9117	6013981	1217611	9 10 63	21	17,200	581	304	2	23,400	3.1	734	12-66	40	780	16
48-14-0129	5437589	1144239	10 9 61	26	15,347	563	305	4	20,187	3.7	742	10-67	44	616	17
48-16-9022	6078574	1271075	3 23 64	11	15,240	505	298	1	17,010	3.5	593	5-67	35	631	24
48-16-0022	6190627	1406938	9 29 64	22	16,620	568	305	2	20,420	3.4	692	11-67	30	641	18
48-19-0062	5938524	1416815	2 27 63	9	12,995	490	305	2	18,185	3.6	656	11-67	29	616	19
48-20-9019	5452148	1329476	1 28 60	11	13,100	505	305	2	19,525	3.8	740	9-67	33	857	28
48-20-9019	5831263	1402207	11 4 62	12	14,966	532	305	3	18,513	3.5	647	5-67	33	589	25
48-20-0060	6078791	1271810	7 13 65	13	9,880	311	305	1	17,580	3.1	552	11-67	36	936	24
48-21-9006	5288825	1302559	12 1 60	26	14,696	500	305	5	20,188	3.4	680	11-67	42	857	24
48-21-9006	6197593	1431732	11 10 64	32	14,480	496	305	2	19,685	3.0	589	12-67	30	820	11
48-21-0049	6570785	1234506	9 30 64	7	13,360	504	305	1	18,270	3.6	656	6-67	35	802	16
48-21-0079	6272463	1418834	2 6 64	8	13,635	476	305	2	19,645	3.1	603	7-67	30	727	15
48-22-0012	6441635	1404814	1 8 66	17	13,150	443	305	1	17,180	4.0	685	3-68	26	721	39
48-22-9037	6519440	1406271	11 7 64	17	15,995	567	305	2	18,600	3.2	593	11-67	40	752	25
48-22-9037	5938808	1357762	6 15 63	12	13,670	499	303	3	18,176	3.4	624	9-67	34	589	15
48-22-0038	6420508	1234506	10 1 65	7	12,920	458	305	1	18,060	3.2	579	1-68	35	816	14
48-22-0038	5445159	1281874	11 11 61	6	12,543	457	302	3	18,280	3.6	667	6-67	42	696	22
48-22-0081	6179153	1405531	7 28 64	9	17,480	584	305	2	25,430	3.1	776	3-68	30	1003	24
48-23-9001	6241141	1367353	11 23 64	15	16,450	603	305	1	22,380	3.2	725	11-67	26	779	24
48-23-9001	6103273	1367353	3 8 64	11	17,115	609	305	2	19,735	3.5	688	1-68	31	582	23
48-23-9001	5494465	1367353	12 14 61	13	15,792	584	305	4	22,462	3.3	750	11-67	35	1178	35
48-23-9001	5494462	1367353	12 3 61	12	16,340	588	305	3	23,266	3.7	855	3-68	34	1160	48
48-23-9001	5494461	1367353	12 3 61	9	16,126	594	305	3	18,873	3.9	740	12-67	34	619	32
48-23-9001	5494466	1367353	12 15 61	11	15,026	551	305	3	20,336	3.7	752	9-67	34	942	39
48-23-9001	5494459	1367353	11 23 61	13	16,242	594	305	4	20,530	3.9	797	12-67	35	849	41
48-23-9001	6298816	1367353	2 9 65	5	16,570	583	305	1	21,430	3.4	738	1-68	26	699	27
48-23-9001	5753984	1367353	1 4 63	9	16,126	594	305	3	19,890	3.8	754	12-67	34	753	34
48-23-9001	5580904	1367353	2 4 62	9	15,690	562	305	4	18,680	3.6	671	1-68	35	671	28
48-23-9019	5731109	1367353	10 7 62	12	16,913	570	305	2	21,145	3.8	810	5-67	30	754	40
48-23-9019	5728412	1350414	9 8 62	21	14,473	560	305	3	19,060	3.8	731	10-67	35	695	29
48-23-9019	5842238	1296751	6 28 63	23	15,340	590	305	3	20,216	3.5	707	4-68	37	739	20

48-23-9042	5814295	1233487	12	2	62	27	14,153	533	303	3	19,893	3.5	702	2-67	42	656	23
48-23-9046	6651853	1355784	9	23	65	8	18,190	682	305	1	20,270	3.9	783	3-68	35	754	20
48-23-9046	5522054	1367352	8	28	61	9	17,635	671	305	4	20,225	3.6	729	2-68	35	583	15
48-24-0001	6211935	1344341	8	28	64	9	14,295	536	305	2	19,235	3.5	673	12-67	30	644	18
48-24-0002	6209799	1430094	11	1	64	8	14,665	505	298	2	19,295	3.4	654	9-67	29	622	20
48-24-0002	5964996	1344341	12	16	63	5	13,930	476	305	2	18,605	3.4	629	6-67	30	608	19
48-26-9004	6520998	1433340	10	9	65	49	17,680	627	305	1	23,250	3.5	820	10-67	23	692	26
48-26-9004	4657429	1184365	4	4	58	32	16,413	583	305	6	19,128	3.6	685	10-67	38	620	25
48-26-9004	5779794	1409393	11	1	62	44	16,832	594	305	4	20,290	3.4	698	12-67	35	668	17
48-26-9004	5734685	1352927	10	12	62	48	16,590	585	305	4	20,035	3.4	681	11-67	42	692	20
48-26-9004	5682007	1333410	7	1	62	35	17,657	618	303	4	22,250	3.5	773	6-67	34	782	27
48-26-9004	6335159	1433340	2	14	65	56	17,910	634	305	1	23,410	3.5	818	8-67	23	687	25
48-26-9004	6335151	1281874	12	9	64	21	17,865	628	305	2	23,830	3.4	802	3-68	40	693	17
48-26-9004	6335158	1433340	2	3	65	25	18,370	645	305	1	22,810	3.6	810	5-67	23	596	23
48-26-0006	6396868	1352927	7	31	65	16	14,380	512	305	1	18,520	3.6	659	9-67	34	581	18
48-26-9010	6351819	1352927	1	27	65	28	18,715	669	305	2	22,640	3.6	805	11-67	38	693	23
48-26-9010	6577527	1439097	10	12	65	19	18,470	664	305	1	22,790	3.5	806	10-67	33	720	24
48-26-9010	6484808	1352927	5	2	65	24	18,220	640	305	1	23,320	3.6	844	5-67	33	645	22
48-26-9010	6214945	1271810	9	2	64	27	18,155	651	305	2	20,780	3.5	724	10-67	40	679	16
48-26-0033	6647655	1393854	3	3	65	8	15,530	555	305	1	19,840	3.5	690	5-67	23	671	23
48-26-0033	6990380	1393854	7	30	66	8	15,740	558	305	1	20,160	3.6	720	3-68	23	660	24
48-26-0033	6828375	1393854	11	5	65	18	15,100	541	305	1	25,750	3.5	893	12-67	23	1240	42
48-26-0033	5941963	1393854	7	26	63	21	15,033	544	296	3	19,853	3.6	713	11-67	32	912	33
48-26-0033	5941966	1393854	10	22	63	17	15,293	551	305	3	19,703	3.6	715	12-67	32	859	32
48-26-0033	6026038	1393854	8	27	63	16	15,486	557	305	3	19,340	3.6	688	1-68	32	786	28
48-34-9062	5771729	1391173	11	12	62	22	13,607	468	305	4	18,405	3.2	584	1-68	42	814	19
48-44-0037	6348799	1234506	1	24	65	27	12,610	472	268	2	16,630	3.3	543	12-67	40	807	11
48-44-9071	6079403	1391173	8	21	63	12	15,760	612	305	3	19,446	3.7	716	12-67	41	671	18
48-44-0102	6089756	1412106	5	9	64	63	12,810	461	305	1	19,500	3.4	666	5-67	23	730	26
48-44-0102	5654862	1361064	8	23	62	58	12,953	479	302	3	17,376	3.6	619	9-67	33	611	19
48-44-9117	6212489	1405530	12	6	64	24	13,270	510	305	1	18,680	3.8	703	10-67	33	620	18
48-44-9133	5648465	1367353	9	3	62	12	13,800	520	305	3	19,063	3.7	712	9-67	34	920	37
48-44-0133	6258539	1437361	8	26	63	9	14,980	550	305	2	20,660	3.7	766	12-67	30	734	36
48-44-0133	6258527	1406271	3	11	64	10	15,205	569	305	2	18,040	3.9	706	11-67	40	768	36
48-44-0133	5377450	1154946	3	1	60	10	13,290	496	296	6	16,503	3.5	584	7-67	44	601	15
48-45-9029	6516193	1289574	6	10	64	12	14,125	530	305	2	19,235	3.8	723	11-67	40	585	22
48-45-9029	6184157	1289574	10	4	64	15	14,190	531	305	2	19,650	3.4	672	11-67	40	622	16
48-45-9029	5980852	1430476	8	5	63	22	14,596	518	305	3	19,053	3.8	729	3-68	34	675	28
48-45-9065	6343290	1329588	3	8	65	18	14,660	538	305	1	20,360	3.4	691	6-67	36	697	19
48-46-9010	6359978	1404814	9	5	65	16	16,840	611	305	1	19,840	3.5	685	11-67	24	607	22
48-46-9010	5914362	1404814	10	20	63	23	15,370	559	305	2	17,780	3.5	630	8-67	30	622	25
48-46-9010	6007129	1404814	3	7	64	19	16,935	621	305	2	20,625	3.6	733	2-68	31	820	32
48-46-9010	6211925	1404814	12	18	64	21	16,500	605	305	2	21,535	3.6	785	2-68	31	972	40
48-46-9010	6100567	1404814	4	16	64	23	15,370	559	305	2	22,130	3.6	795	8-67	30	1140	44
48-46-9010	4722897	1244787	9	15	58	17	15,751	568	305	6	19,288	3.5	666	2-68	37	713	19

TABLE 5.—HIGH-RANKING PROGENY OF DHIA SIRE: HOLSTEIN—Continued

COW'S LAST HERD CODE	COW'S REGISTRATION NO.	COW'S SIRE REGISTRATION NO.	COW'S BIRTH DATE (Mo.) (Day) (Yr.)	HERDMATES			AVERAGE PRODUCTION OF COW			LAST CALVING		REPEAT- ABILITY (Pct.)	COW INDEX	
				NUM- BER	MILK (Lb.)	FAT (Lb.)	IN MILK (Days)	REC- ORDS	MILK (Lb.)	FAT (Pct.)	FAT (Lb.)		MILK	FAT
48-50-0030	6566488	1331709	1 15 66	66	14,160	517	305	1	22,330	3.1	692	34	1000	19
48-50-0030	5885528	1234506	4 29 63	46	12,256	454	305	3	16,670	3.3	549	9-67	893	15
48-68-9009	5470532	1359871	9 1 61	22	14,822	542	305	4	19,350	3.9	747	10-67	715	35
48-68-9022	6340781	1407549	2 24 65	12	14,515	520	305	2	19,500	4.1	792	4-68	29	630
48-71-0016	5450628	1199324	10 28 61	11	11,992	447	298	4	14,197	3.8	543	6-67	775	28
48-72-0006	5812416	1390582	1 21 63	21	12,076	436	302	3	17,180	3.4	585	8-67	699	26
48-72-9017	5885451	1144239	4 21 62	15	15,653	531	305	3	24,116	3.5	834	3-68	993	30
48-72-9017	5987018	1283917	10 16 63	13	16,840	590	305	2	21,615	3.1	676	7-67	830	10
48-72-0018	4934515	1329476	8 1 59	8	13,661	473	305	6	18,328	3.4	616	8-67	793	21
48-72-0063	5897485	1283917	5 16 63	12	12,720	443	305	1	18,680	3.2	604	9-67	772	12
48-75-0001	5566342	1254910	2 18 62	27	13,525	459	305	4	16,890	3.2	548	2-68	748	17
48-75-0003	5064713	1343734	2 2 60	5	11,300	406	303	5	16,010	3.1	502	11-67	815	15
48-77-9013	5195402	1343995	10 26 60	22	14,410	520	305	3	18,656	3.5	655	10-67	797	28
48-77-9013	5394537	1343995	4 29 61	19	14,620	536	305	5	18,800	3.8	716	12-67	849	36
48-77-0040	5631013	1317087	8 10 62	9	13,107	477	297	4	17,842	3.4	612	8-67	583	15
48-79-9007	5869347	1381027	11 15 61	7	16,910	582	302	4	19,270	3.7	710	8-67	640	34
48-79-9007	5783201	1381027	9 29 61	11	17,832	613	305	4	21,372	3.4	718	1-68	771	29
48-79-9007	5784281	1381027	5 5 61	10	17,825	622	297	4	20,672	3.5	730	1-68	720	32
48-79-9007	5784283	1381027	6 8 61	14	17,842	592	305	4	20,287	3.7	743	5-67	631	36
48-79-9007	6762558	1381027	4 29 65	8	20,280	708	305	1	23,380	3.9	904	4-68	591	33
48-79-9007	6762560	1381027	10 19 65	7	19,240	736	305	1	26,720	3.3	874	4-68	935	28
48-79-9007	6747033	1381027	5 3 65	7	17,240	634	305	1	22,330	3.8	839	12-67	767	37
48-79-9007	6574923	1408359	5 11 64	7	15,595	553	293	2	23,060	3.6	820	8-67	1011	33
48-79-9007	5961252	1381027	12 1 62	9	18,615	641	305	4	22,187	3.8	845	4-68	785	42
48-79-9009	6382332	1406271	6 29 65	18	15,460	563	305	1	20,820	3.9	805	8-67	925	42
48-79-9009	6213233	1423926	8 3 64	9	16,980	612	305	2	23,155	3.5	809	12-67	776	27
48-79-9014	5165522	1289574	12 6 59	14	14,948	543	304	6	19,836	3.3	664	1-68	704	18
48-79-9017	6491177	1367352	11 8 65	35	14,450	513	305	1	19,240	3.7	706	1-68	611	22
48-79-9017	6491173	1367352	7 19 65	14	13,530	475	305	1	18,470	3.3	607	10-67	618	16
48-79-9017	6491171	1367352	5 24 65	28	14,020	494	305	1	20,450	3.4	700	12-67	751	23
48-79-9017	6428031	1367352	2 1 64	34	14,915	522	305	2	20,155	3.2	652	12-67	798	20
48-79-9017	6704841	1367352	11 13 65	13	12,560	439	305	1	18,980	3.6	675	1-68	741	25
48-79-9017	5692916	1367352	2 20 62	20	14,360	503	305	3	18,086	3.4	614	11-67	669	19
48-79-9017	5692928	1367352	10 4 62	25	15,330	544	305	3	18,333	3.4	618	4-68	582	15
48-79-9017	5692917	1367352	3 20 62	14	14,415	510	305	2	19,370	3.5	678	10-67	766	25
48-79-9017	5692915	1367352	1 26 62	20	14,726	522	305	3	18,423	3.3	609	12-67	666	16
48-79-9025	4936012	1285957	10 19 59	18	14,220	513	305	5	20,082	3.4	673	1-68	868	21
48-79-9036	6642807	1406271	9 5 65	23	14,100	550	305	1	16,260	4.2	690	7-67	673	34
48-79-9038	6642809	1406271	10 18 65	15	15,190	567	276	1	17,660	3.4	609	10-67	705	27
48-79-9038	6386839	1406271	4 2 65	20	13,810	537	305	1	15,970	4.2	678	9-67	671	34
48-79-9038	6386840	1406271	6 4 65	23	14,100	550	305	1	20,100	3.4	684	7-67	963	34
48-79-0044	5794408	1313490	10 31 62	5	13,243	466	299	3	16,876	3.3	561	10-67	626	15
48-80-9030	6097418	1330987	3 13 64	12	16,130	589	305	1	21,170	3.5	745	5-67	744	31
48-80-9030	5064590	1330987	3 30 64	12	16,785	608	299	2	21,385	3.4	720	4-68	797	29
48-80-0031	5742574	1283917	8 2 62	19	13,020	472	299	4	17,662	3.5	624	12-67	861	19

48-80-0031	6480164	1406271	10	8	65	21	13,260	473	300	1	14,280	3.8	536	11-67	35	581	28
48-80-0031	6480163	1406271	9	21	65	21	13,260	473	296	1	16,600	3.3	556	11-67	35	756	29
48-80-0031	6480162	1406271	9	16	65	26	13,360	473	303	1	14,510	3.7	532	10-67	35	591	28
48-81-0059	6527934	1283917	11	16	65	16	14,780	562	305	1	20,590	3.5	730	12-67	36	776	13
48-81-0061	5890251	1313490	4	29	63	29	14,930	551	300	3	20,366	3.4	699	11-67	42	855	22
48-81-0064	6382910	1441048	12	10	64	39	14,710	525	305	1	20,090	3.5	709	8-67	32	708	26
48-81-0073	5490193	1313490	11	18	61	9	14,922	541	305	4	18,537	4.0	736	2-68	43	668	28
48-82-0012	6379209	1330987	3	2	65	5	11,600	440	305	1	16,410	3.6	584	8-67	36	694	29
48-82-9016	6269133	1406271	3	31	65	16	15,400	554	305	1	21,850	3.4	748	8-67	35	1007	38
48-82-9016	6269132	1406271	3	22	65	16	15,400	554	305	1	18,520	3.2	595	8-67	35	755	27
48-82-9016	5694204	1283917	10	11	62	18	15,757	561	305	4	19,800	3.3	650	1-68	44	821	12
48-82-9016	6122695	1406271	8	8	64	13	16,240	594	305	1	21,400	3.3	716	5-67	35	916	33
48-82-9026	5575259	1296751	12	5	61	9	13,258	495	303	5	17,106	4.1	696	4-68	39	636	32
48-82-0033	6429727	1259069	7	1	65	22	12,740	476	305	1	19,190	3.3	630	9-67	36	701	16
48-86-0021	6122573	1283917	9	6	64	34	14,345	528	296	2	19,150	3.3	637	8-67	40	808	12
48-86-9026	6339434	1380968	10	15	64	17	16,670	560	305	1	22,330	4.2	942	8-67	24	680	46
48-86-9026	5933686	1283917	8	21	63	18	17,820	586	305	2	23,230	3.4	786	12-67	40	905	22
48-86-0029	6509139	1391173	8	31	64	18	13,525	503	305	2	19,355	3.3	643	11-67	39	840	19
48-88-9031	6321494	1392644	1	10	65	11	14,810	558	305	2	22,600	3.2	734	3-68	29	1062	24
48-88-9031	6190062	1210507	7	18	64	9	14,540	531	305	2	19,500	3.5	677	12-67	39	985	20
48-88-0054	6308949	1222994	12	4	64	8	16,090	582	305	1	19,520	3.6	699	6-67	36	639	22
48-88-0075	6217021	1234506	4	22	64	14	13,205	477	211	2	15,505	3.8	593	8-67	40	638	16
48-88-0084	6129207	1271810	8	20	64	6	11,845	409	303	2	16,105	3.3	533	8-67	40	780	19
48-89-9008	6267212	1433288	11	8	64	10	16,320	591	305	2	21,000	3.6	753	1-68	28	613	21
48-89-9008	6477937	1433288	8	19	65	19	16,020	595	305	1	22,570	3.4	765	11-67	22	645	18
48-89-0013	6471361	1244009	8	21	64	10	13,070	481	304	2	19,360	3.3	641	9-67	40	1038	25
48-89-0013	6606579	1244009	1	31	64	11	13,270	480	305	2	19,510	3.6	701	8-67	40	1035	32
48-89-0013	6606578	1244009	1	29	64	10	13,070	481	302	2	18,710	3.6	670	9-67	40	972	28
48-89-9014	6573206	1320371	2	5	66	26	13,350	482	305	1	21,270	3.2	673	1-68	26	740	17
48-89-9014	6231073	1249430	11	14	64	45	14,090	510	305	2	19,535	3.3	645	2-68	40	702	22
48-89-9015	6332220	1271810	8	28	65	49	13,440	494	288	1	17,760	3.6	643	10-67	36	711	19
48-89-9015	5934112	1271810	8	19	63	28	16,025	579	305	2	21,100	3.4	723	10-67	40	906	23
48-89-0025	6181529	1426961	6	29	64	5	11,790	437	305	2	15,510	3.5	544	1-68	29	609	18
48-89-0032	5943517	1292388	12	1	62	12	13,855	500	305	2	20,855	3.4	704	11-67	30	889	27
48-89-0066	6425101	1244009	2	28	65	21	11,360	376	295	1	13,820	3.4	466	8-67	36	598	16
48-91-9031	5825341	1271810	2	26	63	17	14,943	561	305	3	20,866	3.3	690	3-68	42	1050	23
48-91-0081	6229155	1244009	1	9	65	39	15,610	603	305	1	21,020	3.3	701	9-67	36	850	18
48-91-0081	6229154	1244009	9	1	64	37	14,615	553	305	2	18,765	3.3	624	10-67	40	836	17
48-91-0081	6280204	1244009	1	12	65	39	15,610	603	305	1	23,920	3.3	792	9-67	36	1066	25
48-92-0056	5113666	1271810	12	17	59	12	12,130	426	295	5	17,736	3.2	575	11-67	44	1044	25
48-92-0069	5978766	1392858	10	11	63	9	16,520	594	305	3	20,383	3.7	750	4-68	38	807	36
48-93-0044	6169420	1283917	7	20	64	8	13,110	514	288	2	18,625	3.6	678	10-67	40	868	17
48-93-9010	6108522	1271810	3	5	64	11	17,865	641	305	2	20,015	3.5	698	8-67	40	627	15
48-93-9010	6532219	1271810	8	13	65	16	16,820	611	305	1	20,040	3.5	692	12-67	36	654	15
48-93-9010	6532217	1283917	8	13	65	19	16,070	584	305	1	20,960	3.7	768	12-67	36	717	15

TABLE 5.—HIGH-RANKING PROGENY OF DHIA SIRE: HOLSTEIN—Continued

COW'S LAST HERD CODE	COW'S REGISTRATION NO.	COW'S SIRE REGISTRATION NO.	COW'S BIRTH DATE (Mo.) (Day) (Yr.)	HERDMATES			AVERAGE PRODUCTION OF COW					LAST CALVING		REPEAT- ABILITY (Pct.)	COW INDEX	
				NUM- BER	MILK (Lb.)	FAT (Lb.)	IN MILK (Days)	REC- ORDS	MILK (Lb.)	FAT (Pct.)	FAT (Lb.)	(Mo.) (Yr.)	CAR		MILK	FAT
48-95-9010	4976975	1271810	11 21 58	10	15,711	564	305	6	18,831	3.9	736	11-67		44	769	30
48-95-9010	4976977	1271810	1 19 59	13	15,995	572	302	7	17,732	3.7	655	10-67		44	595	18
48-95-9010	4580282	1271810	9 9 57	8	15,876	575	302	8	18,386	3.7	672	12-67		44	693	20
48-95-9010	4580287	1271810	10 17 57	10	15,918	574	302	8	19,031	3.6	687	11-67		44	771	22
48-95-9010	4160528	1210507	2 17 56	8	15,262	550	305	8	16,493	4.0	660	7-67		43	613	20
48-95-9010	6318411	1271810	8 11 64	6	17,250	614	300	2	22,075	3.4	748	3-68		40	893	22
48-95-9010	5646707	1271810	6 11 62	13	17,165	625	300	4	20,255	3.6	726	12-67		44	770	21
48-95-9043	6182093	1414715	8 21 64	24	11,700	460	305	1	17,230	3.5	599	8-67		23	626	18
48-95-9043	6182100	1414715	11 21 64	23	11,860	465	301	1	17,720	3.9	697	9-67		23	657	27
48-95-9043	6182092	1414715	8 2 64	14	10,790	417	305	1	16,670	3.8	633	7-67		22	652	25
48-95-9043	6182101	1414715	12 22 64	10	10,240	399	302	1	16,270	3.9	638	8-67		22	661	27
48-95-0062	5661896	1346255	3 27 62	5	14,340	494	298	4	18,452	3.3	615	6-67		35	699	21
48-96-9011	6408285	1406271	10 27 65	18	14,580	528	300	1	18,730	4.1	763	12-67		35	827	41
48-97-0016	5747060	1353384	10 28 62	34	12,070	432	305	3	16,363	3.4	556	12-67		32	645	17
48-97-0016	5717133	1353384	11 25 62	23	12,133	426	300	3	15,970	3.5	561	8-67		32	584	18
48-97-0016	6338327	1324256	5 31 64	22	12,420	441	305	2	17,135	3.3	560	3-68		29	580	15
48-97-0016	6338320	1353384	6 7 64	40	12,130	443	299	2	17,765	3.5	620	11-67		29	745	21
48-97-0016	5909165	1324256	9 20 60	23	12,642	436	303	4	17,225	3.7	639	12-67		34	676	30
48-97-0036	5928270	1402207	8 30 63	10	14,293	508	298	3	18,483	3.4	635	11-67		33	624	24
48-99-0027	6193243	1391173	10 5 64	27	16,660	571	305	2	24,890	3.3	822	12-67		39	1121	32
50-10-0001	6291977	1320310	12 14 64	17	13,785	544	305	2	17,070	3.5	590	12-67		40	1014	23
50-10-0001	6307129	1320310	3 8 65	10	13,100	493	305	1	17,770	3.7	664	7-67		35	1117	33
50-10-0001	6339012	1320310	6 26 65	10	16,290	560	299	1	15,650	3.6	570	10-67		35	695	21
50-10-0007	6179478	1320310	12 25 64	8	16,380	621	300	2	19,565	3.1	602	4-68		40	1031	18
50-10-0007	6179477	1320310	11 18 64	16	17,075	618	305	2	23,865	3.3	782	11-67		40	1405	36
50-10-0007	5938831	1316590	9 19 63	15	16,800	649	305	2	22,310	4.0	885	11-66		40	639	29
50-10-0007	6491287	1320310	11 1 65	12	16,740	566	305	1	20,360	4.1	844	1-68		35	1020	41
50-10-0007	6491286	1320310	10 26 65	10	16,290	560	305	1	19,560	4.2	813	10-67		35	990	39
50-10-0007	6491285	1320310	10 7 65	6	13,640	497	305	1	19,330	3.2	621	9-67		35	1152	29
50-10-0007	6491284	1320310	10 3 65	12	17,220	595	305	1	23,250	3.6	835	2-68		35	1205	38
50-10-0013	6421337	1320310	9 10 65	22	12,950	551	305	1	11,750	4.3	510	11-67		35	628	17
50-10-0013	6275393	1320310	12 17 64	16	13,470	587	302	1	13,210	3.3	431	11-66		35	749	9
50-10-0014	6464068	1320310	9 18 65	48	14,910	547	305	1	18,340	3.8	690	9-67		35	991	30
50-10-0020	5395967	1199324	8 30 61	24	15,370	578	304	4	20,292	3.3	679	3-67		44	1152	30
50-10-0024	6476046	1320310	11 6 64	29	12,790	507	280	1	14,440	4.1	585	9-67		35	841	25
50-10-0024	6248777	1320310	9 19 64	24	13,420	544	302	2	15,160	3.7	565	10-67		40	853	21
50-10-0024	6214312	1320310	8 16 64	7	14,250	578	305	1	17,190	3.5	597	4-67		35	996	22
50-10-0027	1337741	1337741	10 2 64	28	13,965	528	303	2	15,795	4.0	624	11-67		40	620	25
50-10-0027	6164293	1443244	10 3 64	19	13,655	524	296	2	18,135	3.6	648	12-67		29	608	17
50-10-0074	6316762	1362327	8 26 64	46	13,675	541	305	2	18,655	3.8	707	10-67		32	711	23
50-10-0082	6468187	1320310	9 10 65	14	12,470	447	305	1	17,720	3.2	574	2-68		35	1110	29
50-10-0084	6008325	1283917	10 16 63	27	14,483	536	303	3	18,813	3.2	606	10-67		42	810	9
50-10-0087	6471702	1309574	3 2 66	16	17,870	665	305	1	21,360	4.0	860	12-67		34	580	31
50-10-0087	6522627	1309574	5 2 66	25	17,830	647	305	1	23,850	3.5	832	11-67		34	775	30
50-10-0095	5265370	1362327	11 20 60	6	15,236	545	305	5	20,994	3.4	706	7-67		38	984	27

50-10-0095	6174059	1320310	8 18 64	16	13,025	490	294	2	12,280	3.9	484	8-67	40	641	19
50-10-0095	6246482	1320310	10 25 64	17	12,815	484	294	2	20,600	3.5	726	11-67	40	1463	43
50-20-0021	6548823	1450519	12 16 65	35	15,730	547	305	1	19,470	3.5	676	12-67	22	584	20
50-20-0021	6548826	1450519	1 1 66	35	15,730	547	305	1	22,800	3.3	752	12-67	22	887	27
50-20-0021	6548821	1450519	12 13 65	35	15,730	547	305	1	20,600	3.4	703	12-67	22	687	22
50-20-0021	6548822	1450519	12 15 65	35	15,730	547	305	1	22,880	3.5	796	12-67	22	894	31
50-20-0021	6401551	1438758	7 5 65	20	12,310	437	305	1	22,540	3.3	740	8-67	28	1120	28
50-20-0021	6031715	1283536	1 11 64	31	14,520	509	305	2	19,475	3.4	658	5-67	40	701	17
50-20-0021	6366293	1331428	11 25 64	14	14,590	508	305	1	21,570	3.4	732	12-67	35	590	19
50-20-0023	6237333	1337741	11 6 64	21	13,930	516	305	1	17,210	3.4	588	7-67	35	710	22
50-20-0023	6172305	1320310	7 22 64	27	14,615	550	305	2	18,645	3.8	704	10-67	40	1099	35
50-20-0023	6131802	1337741	9 10 64	24	14,860	557	304	2	16,460	3.8	631	10-67	40	605	23
50-20-0025	5351340	1300348	4 26 60	10	13,288	468	304	5	20,628	3.4	702	3-68	35	1139	36
50-20-0025	5502323	1300348	8 8 61	11	13,535	476	299	4	17,615	3.4	591	2-68	34	625	17
50-20-0025	5748547	1358620	5 19 62	17	13,815	478	305	2	18,990	3.4	646	3-68	28	654	22
50-20-0034	6385934	1320310	7 6 65	9	13,420	478	305	1	19,670	3.4	676	7-67	35	1239	35
50-20-0034	6385933	1320310	6 24 65	9	13,440	479	305	1	15,100	3.5	528	6-67	35	893	23
50-20-0073	6315297	1199324	6 23 63	7	13,080	465	305	2	18,600	3.4	628	8-67	40	1108	34
50-20-0073	5997483	1199324	4 18 62	11	15,070	540	305	3	19,480	3.4	656	2-67	42	1059	31
50-20-0074	5757848	1340669	4 13 62	8	12,362	439	305	4	17,265	3.3	576	2-68	44	847	16
50-20-0093	6308345	1439511	1 8 65	6	13,190	477	301	2	18,130	3.6	649	11-67	35	607	20
50-20-0095	6331909	1320310	7 1 65	12	13,120	453	305	1	17,170	3.6	610	3-68	35	1025	31
50-20-0095	5258161	1199324	2 9 61	13	13,968	504	299	5	14,808	3.6	535	3-67	44	629	21
50-20-0095	6231422	1283917	2 3 65	13	14,250	510	305	1	20,000	3.5	703	12-67	36	767	15
50-20-0134	6237334	1337741	11 25 64	6	14,440	521	290	1	16,910	3.2	548	8-67	35	649	18
50-30-0003	6163619	1320310	6 10 64	16	11,760	449	297	2	11,275	4.1	466	8-67	40	655	20
50-30-0003	6462396	1320310	8 21 65	20	11,790	473	305	1	15,910	3.6	579	9-67	35	1020	27
50-30-0003	6462395	1320310	7 23 65	19	12,150	490	301	1	14,390	3.4	492	11-67	35	881	19
50-30-0006	6133400	1320310	7 23 64	27	13,485	544	305	2	13,295	4.0	532	7-67	40	702	19
50-30-0009	6121843	1320310	7 6 64	27	12,955	499	305	2	16,990	3.6	617	11-67	40	1082	30
50-30-0009	6361268	1320310	7 20 65	27	13,840	533	305	1	14,770	3.7	544	11-67	35	795	20
50-30-0009	6275259	1320310	1 31 65	21	13,930	527	305	1	12,480	4.0	497	7-67	35	662	18
50-30-0016	6537705	1320310	10 28 65	5	15,030	580	305	1	23,130	4.2	977	2-68	35	1345	50
50-30-0021	6294893	1320310	8 17 64	12	13,120	532	305	2	13,565	3.9	528	6-67	40	763	19
50-30-0021	6294897	1337741	12 3 64	15	13,970	572	305	2	16,200	4.1	667	3-68	40	615	24
50-30-0032	6173362	1348380	7 19 64	19	12,810	475	305	2	18,275	3.5	639	9-67	30	690	22
50-30-0032	6054327	1348380	3 5 64	14	12,715	487	305	2	17,685	3.7	663	6-67	30	630	23
50-30-0050	6623627	1320310	6 8 65	24	12,540	511	305	1	13,990	3.8	525	9-67	35	824	20
50-30-0050	6610639	1320310	3 11 65	15	11,430	466	300	1	15,170	3.4	509	8-67	35	1035	23
50-30-0058	6121099	1320310	7 10 64	20	12,450	489	305	2	14,790	3.9	576	10-67	40	904	27
50-30-0064	6341982	1337741	7 22 65	13	12,760	511	305	1	14,960	3.7	551	12-67	35	616	18
51-01-9026	6382032	1222994	6 25 65	27	15,750	613	305	1	19,350	4.0	774	8-67	36	649	26
51-02-9026	6023076	1239886	1 17 64	31	13,850	540	304	2	19,275	3.4	660	9-67	40	715	23
51-02-9040	5829913	1199324	7 26 62	25	15,136	566	305	3	17,240	3.7	633	11-67	42	794	25
51-02-9040	5720927	1199324	3 11 62	28	15,225	570	304	4	15,760	3.6	571	11-67	44	608	17

TABLE 5.—HIGH-RANKING PROGENY OF DHIA SIRE: HOLSTEIN—Continued

COW'S LAST HERD CODE	COW'S REGISTRATION NO.	COW'S SIRE REGISTRATION NO.	COW'S BIRTH DATE (Mo.) (Day) (Yr.)	HERDMATES			AVERAGE PRODUCTION OF COW					LAST CALVING		REPEAT- ABILITY (P _{CT})		COW INDEX	
				NUM- BER	MILK (Lb.)	FAT (Lb.)	IN MILK (Days)	REC- ORDS	MILK (Lb.)	FAT (P _{CT})	FAT (Lb.)	(Mo.) (Yr.)	CAR			MILK	FAT
51-02-9040	4864023	1013415	9 8 58	10	14,245	546	305	2	19,635	3.6	713	7-67		40		635	18
51-02-0041	6485780	1320310	9 25 65	44	10,170	394	305	1	13,960	3.5	485	10-67		35		983	25
51-02-0041	6852955	1320310	9 2 65	47	10,130	394	305	1	11,230	3.6	408	9-67		35		779	20
51-02-9125	5743863	1379208	1 17 63	67	16,005	601	305	2	19,780	3.5	888	1-68		39		807	24
51-02-9125	5597192	1379208	12 10 61	63	15,260	566	305	2	21,900	3.8	622	10-67		39		1096	41
51-02-9125	6475065	1406271	11 12 65	54	15,920	586	305	1	19,190	4.1	790	12-67		35		771	39
51-02-9125	5107303	1309130	10 14 59	62	14,650	540	305	1	20,620	3.1	647	6-67		29		712	24
51-02-9125	5107298	1309130	12 21 58	42	15,808	586	305	5	20,184	3.6	723	2-68		39		828	33
51-02-9135	5497704	1285450	10 27 60	58	13,707	516	300	4	18,200	3.3	604	10-67		38		601	18
51-02-9135	5402833	1199324	6 17 61	67	13,790	525	304	3	14,400	3.6	522	12-67		42		607	17
51-02-9135	5455397	1379208	11 17 61	68	13,630	516	305	3	16,666	3.8	632	10-67		41		732	27
51-02-9135	6194720	1417208	10 14 64	50	14,395	548	305	2	17,000	3.6	611	3-68		40		625	21
51-02-0144	6057005	1199324	2 28 63	11	12,360	447	305	1	13,380	3.6	485	5-67		36		654	21
51-03-0002	6219938	1320310	8 24 64	20	13,275	543	297	2	14,755	3.9	570	10-67		40		825	22
51-03-0002	6533308	1320310	8 1 65	19	13,470	531	305	1	16,840	3.6	605	9-67		35		976	25
51-03-9011	5408925	1199324	1 24 61	33	15,515	580	305	2	16,440	3.9	645	2-67		40		666	25
51-03-9011	6091136	1392774	2 10 64	34	15,176	585	279	3	19,283	3.6	698	3-68		42		641	21
51-03-0027	5393496	1199324	11 24 60	13	14,375	563	299	2	16,305	3.9	643	1-68		40		756	26
51-03-0027	6424856	1445278	9 24 65	30	15,500	601	305	1	16,890	3.9	655	1-68		31		670	17
51-03-0027	6147335	1415137	7 13 64	22	15,020	596	305	2	19,640	4.1	811	3-68		29		624	29
51-03-0027	6375181	1406271	8 2 65	23	15,970	613	284	1	19,150	3.6	684	3-68		35		751	29
51-03-0028	6322664	1346850	11 30 64	19	15,060	630	305	1	19,660	4.2	830	2-67		35		582	21
51-03-0028	6174023	1337741	8 31 64	39	14,465	601	296	2	17,030	3.9	656	10-67		40		700	21
51-03-0028	6450365	1360676	10 24 65	39	14,790	607	305	1	19,020	3.9	735	11-67		28		804	28
51-04-0035	6513598	1445278	10 29 65	13	16,010	605	305	1	19,510	3.4	657	2-68		31		844	17
51-04-0035	6073814	1392774	3 23 64	21	12,670	475	305	2	18,565	3.4	640	8-67		40		741	23
51-04-0036	5777212	1375968	11 2 62	7	13,570	493	304	2	17,510	3.3	586	3-68		29		607	15
51-04-0037	5720159	1199324	10 6 62	29	12,573	462	305	3	14,746	3.6	528	2-67		42		773	24
51-04-0037	6566334	1417208	10 31 65	45	14,900	549	305	1	22,500	3.4	766	12-67		35		959	32
51-04-0037	6281230	1199324	7 29 64	33	14,560	536	305	1	15,780	3.7	580	11-67		36		686	22
51-04-0048	6586120	1445278	3 7 66	13	15,750	615	305	1	21,870	3.3	718	3-68		31		1052	21
51-04-0048	6586118	1445278	2 27 66	17	13,710	530	270	1	16,420	3.5	571	12-67		30		779	16
51-04-0048	6472702	1445278	1 4 66	20	15,090	583	305	1	18,320	3.4	629	2-68		31		814	16
51-04-0048	6399869	1346850	9 17 65	25	13,110	510	305	1	18,520	3.6	675	9-67		35		629	17
51-04-0169	6406143	1445278	11 1 65	13	13,440	488	285	1	15,390	3.6	549	11-67		30		714	17
51-04-0181	6483828	1346850	9 26 65	29	15,840	576	305	1	21,070	3.6	763	12-67		35		621	19
51-04-0181	6623261	1406271	8 16 65	66	13,820	531	305	1	16,610	3.5	584	7-67		35		718	28
51-04-9197	5720296	1399824	12 13 62	19	15,710	635	305	1	22,210	4.0	893	1-68		35		881	36
51-04-0224	6514516	1346850	12 22 65	11	14,800	542	305	1	19,930	3.6	725	2-68		35		605	18
51-04-0255	6494214	1392774	8 20 64	20	12,885	502	305	2	17,260	3.5	609	1-68		40		588	18
51-05-9022	5773410	1373444	1 5 63	30	13,900	514	305	1	19,020	3.5	673	7-67		23		636	16
51-05-9022	6310884	1430700	1 3 65	34	13,980	507	305	1	19,270	3.5	683	7-67		22		589	19
51-05-9022	6131180	1430700	9 24 64	18	15,510	579	305	2	19,560	3.5	676	4-68		29		617	15
51-05-0056	6396090	1406271	10 14 65	7	12,090	430	302	1	15,520	3.9	607	12-67		35		754	36
51-05-0098	5481452	1199324	12 1 61	22	14,160	521	305	2	19,335	4.2	807	11-67		40		1084	47

51-05-9110	6313647	1294703	8 30 64	25	15,945	574	295	2	17,545	4.1	714	11-67	40	598	24
51-05-9110	1329588	1329588	12 25 64	19	16,275	593	305	2	20,365	3.5	713	1-68	40	690	19
51-05-9110	6172459	1405963	11 24 63	22	14,815	537	305	2	19,410	3.6	706	8-67	29	781	29
51-05-9110	6156052	1405963	7 10 64	22	14,690	535	302	2	18,345	3.5	633	7-67	29	667	20
51-05-9110	6094255	1405963	1 25 64	21	14,770	538	304	2	18,400	3.9	715	7-67	29	665	29
51-05-9110	6094256	1405963	2 1 64	22	14,690	535	288	2	17,950	3.4	612	7-67	29	620	17
51-05-9110	6094259	1405963	2 3 64	21	14,770	538	299	2	20,535	3.0	622	7-67	29	920	18
51-05-9110	6094253	1405963	1 21 64	16	14,815	541	305	2	21,915	3.1	678	6-67	29	1080	25
51-05-0131	5917273	1199324	12 1 62	17	16,096	610	305	3	18,896	3.9	741	11-67	42	885	33
51-05-0131	5853814	1199324	9 17 61	19	15,153	567	304	3	21,173	3.5	746	9-67	42	1245	38
51-05-0131	5883349	1199324	10 28 61	17	15,380	576	305	3	21,093	3.6	767	8-67	42	1212	40
51-05-0134	5587542	1199324	3 21 62	19	15,285	560	290	4	17,732	3.4	611	6-67	44	845	24
51-05-0134	5640914	1199324	8 24 62	22	15,662	615	295	4	21,625	3.9	849	11-67	44	1284	47
51-05-0134	5951090	1392774	7 1 63	27	16,315	646	305	2	20,655	3.7	756	11-67	40	620	20
51-05-0136	6443207	1406271	7 7 65	7	14,400	587	305	1	18,080	3.4	619	11-67	35	777	26
51-06-0010	6390822	1445278	10 30 65	13	14,350	532	291	1	21,460	3.4	732	11-67	30	1148	29
51-06-0019	6192333	1337741	10 25 64	6	14,950	574	305	2	19,940	3.7	745	12-67	40	952	33
51-06-0030	6222033	1337741	11 4 64	13	12,940	487	305	2	15,070	3.6	548	3-68	40	594	20
51-07-0011	5189804	1271970	11 14 60	19	12,416	460	302	5	16,916	3.6	603	2-68	40	751	24
51-07-0023	6530579	1445278	5 2 66	18	12,930	467	305	1	17,280	3.5	610	1-68	30	908	23
51-07-0023	6388144	1346850	10 31 65	25	12,710	463	305	1	19,810	3.2	643	12-67	35	755	18
51-07-9027	5466754	1313490	9 9 61	75	14,660	556	305	4	17,962	3.6	644	1-68	43	626	15
51-07-9027	5994086	1363530	10 30 63	39	14,580	566	305	3	20,183	3.2	644	3-68	33	821	13
51-07-9027	5812753	1283917	12 16 62	37	14,382	557	285	4	18,252	3.5	644	2-68	44	782	12
51-07-0028	5790297	1392774	12 23 62	26	13,066	510	297	3	18,056	3.6	643	10-67	42	719	22
51-07-9029	4614461	1246308	3 9 58	34	14,231	532	305	6	18,951	3.5	664	10-67	42	627	19
51-07-9031	6415655	1406271	10 6 65	44	17,670	655	305	1	24,730	3.4	853	2-68	35	1057	39
51-07-9040	5749104	1392774	9 25 62	33	13,303	508	290	3	17,183	3.7	637	12-67	42	593	22
51-07-9109	5726037	1379208	12 3 62	23	13,160	480	305	3	15,286	4.0	612	9-67	41	620	29
51-07-0135	5254372	1345972	10 15 60	31	13,600	484	302	4	17,492	3.2	566	1-68	35	605	16
51-07-9140	5870013	1340894	9 14 61	18	12,030	437	300	4	18,740	3.2	605	12-67	35	999	24
51-07-9140	5970405	1340894	1 18 62	18	12,225	447	300	4	16,347	3.4	558	1-68	35	630	16
51-07-9161	6426631	1445278	11 3 65	16	14,040	568	305	1	20,110	3.4	683	11-67	30	1059	22
51-07-9161	6422039	1347940	8 26 65	8	15,810	579	305	1	20,410	3.0	622	4-68	36	831	21
51-07-9161	6557663	1347940	4 1 66	8	15,810	579	305	1	17,770	3.8	683	4-68	36	635	26
51-07-9164	6023396	1386917	1 1 64	14	13,490	502	305	2	19,400	3.3	644	7-67	30	819	14
51-07-0180	5999237	1388982	8 20 63	23	13,923	534	216	3	18,776	3.6	675	2-68	41	680	21
51-07-0184	6487917	1458744	12 25 65	14	13,420	533	292	1	16,200	3.8	615	2-68	26	664	21
51-07-9236	5092054	1308044	2 14 60	9	12,328	461	305	5	21,180	3.5	748	9-67	36	1428	45
51-07-9236	5581281	1308044	5 31 62	10	11,423	428	305	3	16,496	3.6	586	7-67	33	785	23
51-07-9236	5709746	1379208	11 28 62	24	12,886	467	291	3	15,306	3.7	573	6-67	41	651	25
51-07-9236	6158265	1308044	6 17 64	9	13,575	504	305	2	18,685	3.3	623	12-67	30	746	17
51-07-0242	6245475	1417208	10 22 64	25	12,610	482	304	1	18,020	4.1	741	10-67	35	751	34
51-07-0242	5648500	1199324	1 27 62	27	13,320	506	305	2	15,895	3.9	624	3-67	40	811	30
51-07-0242	5648498	1199324	1 10 62	32	13,706	518	295	3	15,410	3.7	564	11-67	42	732	23

TABLE 5.—HIGH-RANKING PROGENY OF DHIA Sires: HOLSTEIN—Continued

COW'S LAST HERD CODE	COW'S REGISTRATION NO.	COW'S SIRE REGISTRATION NO.	COW'S BIRTH DATE (Mo.) (Day) (Yr.)	HERDMATES			AVERAGE PRODUCTION OF COW				LAST CALVING		REPEAT- ABILITY (Pct.)	COW INDEX	
				NUM- BER	MILK (Lb.)	FAT (Lb.)	IN MILK (Days)	REC- ORDS	MILK (Lb.)	FAT (Pct.)	(Mo.) (Yr.)	CAR		MILK	FAT
51-07-0242	5834084	1379208	9 17 62	26	14,590	552	305	3	21,553	3.7	3-68		41	1203	42
51-07-0242	6602552	1445278	1 5 66	26	12,710	488	305	1	15,950	3.4	9-67		30	815	16
51-07-0242	6810236	1445278	10 31 65	24	12,670	487	276	1	15,580	3.7	10-67		30	787	20
51-07-0281	5880636	1398216	9 20 63	22	14,053	532	243	3	17,093	3.5	12-67		41	671	15
51-07-0281	5825869	1199324	1 26 63	24	13,365	507	265	2	15,175	3.3	8-67		40	734	18
51-07-0281	5524368	1199324	12 24 61	36	14,320	543	303	2	16,445	3.3	11-67		40	776	18
51-07-0283	6038619	1199324	2 22 64	20	15,470	568	305	2	17,965	3.7	7-67		40	825	27
51-07-0297	5989100	1330987	10 25 63	42	16,185	578	305	2	19,415	3.8	3-68		40	652	34
51-07-0297	6557715	1406271	11 3 65	44	18,000	645	305	1	21,030	3.6	2-68		35	755	32
51-07-0297	6540934	1406271	7 19 65	44	18,000	645	305	1	23,540	3.2	2-68		35	945	33
51-07-0297	6268830	1340669	11 8 64	44	16,810	602	305	1	23,070	3.5	11-67		36	781	16
51-07-0347	5669047	1379208	4 23 62	10	13,455	503	305	4	16,160	3.4	4-68		42	708	18
51-07-0390	6302135	1329588	3 28 65	27	16,960	617	305	1	22,370	3.5	7-67		36	692	20
51-07-0394	6289344	1358005	2 16 65	26	11,780	458	294	1	15,720	3.7	7-67		34	778	12
51-07-0394	6289343	1358005	1 1 65	24	12,300	497	305	1	19,220	3.1	5-67		34	1012	10
51-07-0400	6527196	1406271	9 12 65	11	10,960	401	305	1	15,370	3.2	12-67		35	819	30
51-07-0407	6477437	1336050	8 6 65	12	14,250	565	305	1	19,440	4.0	6-67		26	659	26
51-07-0407	6477438	1336050	8 9 65	16	15,040	557	305	1	19,150	3.4	10-67		28	597	17
51-07-0409	6372914	1346850	8 11 65	8	12,630	477	302	1	19,240	3.4	6-67		34	658	16
51-07-0409	5768914	1392774	3 5 63	14	12,600	458	305	1	19,790	3.8	8-67		35	695	29
51-08-0005	5728682	1199324	2 14 61	20	13,068	490	301	5	14,662	3.5	7-67		44	715	20
51-08-0005	5743319	1199324	3 20 61	10	14,206	514	305	3	15,240	3.3	2-67		42	661	16
51-08-0005	5977853	1199324	7 20 62	23	13,186	498	304	3	13,853	3.5	8-67		42	607	16
51-08-0006	6396629	1273756	7 31 65	16	10,830	446	305	1	14,890	3.9	6-67		36	671	28
51-08-0023	6565605	1445278	11 8 65	7	13,580	514	305	1	16,220	3.6	10-67		30	772	17
51-08-0056	6318809	1329588	7 23 64	14	14,870	537	305	2	19,615	3.6	10-67		40	742	23
51-08-0075	6396623	1242221	8 10 65	15	10,960	419	302	1	14,360	4.0	8-67		32	895	34
51-08-0079	6082246	1324354	1 14 62	7	14,000	522	305	2	19,435	3.6	8-67		40	608	23
51-08-0090	5729306	1199324	11 26 62	16	14,130	526	205	2	14,365	3.5	6-67	B	40	582	16
51-08-0105	6232039	1199324	3 16 63	9	12,853	518	303	3	13,616	3.6	7-67		42	614	15
51-08-0117	6327493	1406271	6 19 65	16	13,740	475	305	1	18,760	3.6	8-67		35	886	38
51-09-0029	6265930	1337741	9 5 64	24	13,310	506	305	1	17,480	3.4	8-67		35	772	24
51-09-0029	6234494	1337741	8 31 64	24	13,320	506	305	1	16,670	3.8	7-67		35	710	26
51-09-0029	6234497	1337741	10 15 64	24	13,320	506	305	1	15,030	4.1	7-67		35	587	25
51-09-0050	6409335	1406271	7 4 65	24	13,750	513	289	1	16,930	3.9	11-67		35	747	35
51-09-0054	5950528	1362759	11 3 63	18	13,795	520	303	2	18,445	3.6	7-67		31	740	23
51-09-0054	5896263	1362759	9 13 63	17	13,543	507	299	3	16,866	3.4	8-67		34	622	15
51-09-0054	5896261	1362759	7 17 63	9	14,260	502	305	1	20,650	3.9	8-67		26	770	34
51-09-0054	5896260	1362759	7 1 63	17	15,066	551	305	3	17,986	3.7	3-68		34	589	21
51-10-0010	6355184	1379208	7 28 65	21	12,650	464	305	1	14,930	3.8	1-68		35	586	22
51-10-0018	6011866	1396302	10 23 63	31	15,765	566	305	2	22,180	3.1	9-67		29	863	16
51-10-0018	5498894	1376810	8 20 61	31	15,652	550	305	4	20,102	3.7	9-67		35	699	32
51-10-0018	5498893	1376810	8 10 61	23	16,300	568	304	4	20,587	3.4	12-67		35	685	24
51-10-0018	5741005	1376810	6 14 62	18	16,636	584	305	3	22,983	3.6	7-67		33	928	37
51-10-0018	5741007	1376810	7 21 62	29	16,426	568	305	3	21,116	3.3	9-67		33	698	23

51-10-9098	5763103	1379208	10 16 62	50	14,953	557	304	3	17,413	3.3	582	10-67	41	680	17
51-10-9098	5868050	1379208	3 16 63	50	15,616	582	299	3	18,810	3.6	673	11-67	41	774	25
51-10-9098	5884859	1392774	4 15 63	39	15,603	572	294	3	20,063	3.6	713	7-67	42	687	24
51-10-9098	6472843	1347940	8 29 65	46	17,140	617	305	1	22,110	3.2	708	1-68	36	869	25
51-11-0005	6370550	1406271	8 9 65	14	14,590	571	305	1	21,010	3.4	711	12-67	35	998	34
51-11-0005	6218032	1422672	11 23 64	6	16,005	615	286	2	19,715	3.6	704	3-68	29	587	16
51-11-0034	5813228	1399824	11 24 62	40	14,460	541	305	3	16,656	4.0	672	9-67	42	607	30
51-11-0034	5789713	1399824	11 22 62	33	14,030	525	302	3	18,183	3.5	645	8-67	41	823	28
51-11-0073	6275227	1320310	12 22 64	11	14,855	551	305	2	14,620	3.8	558	3-68	40	667	20
51-11-0109	6463059	1445278	9 14 65	9	10,330	377	269	1	12,160	3.9	473	12-67	30	679	19
51-11-9115	6404968	1406271	7 30 65	20	12,980	518	305	1	16,430	3.7	608	10-67	35	762	30
51-11-9115	6414906	1406271	9 26 65	18	13,470	527	265	1	15,250	3.6	553	11-67	35	640	26
51-11-9115	6432678	1458744	10 18 65	24	14,690	573	305	1	23,750	3.1	743	12-67	26	1218	29
51-11-0117	6394816	1443756	4 21 65	42	13,760	496	305	1	18,160	3.6	659	5-67	23	580	23
51-11-0117	6003791	1330987	9 16 63	37	14,375	541	305	2	17,185	3.6	613	5-67	40	623	25
51-11-9122	4750943	1282422	9 11 58	60	13,721	520	305	6	19,215	3.9	751	1-68	36	855	37
51-11-9122	6174976	1434100	10 7 64	57	13,525	509	305	2	21,055	3.5	738	3-68	29	900	29
51-11-0126	6080976	1199324	1 27 64	13	13,105	458	305	2	14,910	3.2	483	7-67	40	731	20
51-11-9150	6625816	1392774	1 2 65	31	15,665	603	305	2	19,940	3.7	739	1-68	40	606	22
51-12-0024	6363484	1445278	9 5 65	10	13,940	560	305	1	15,510	4.3	660	4-68	31	672	20
51-13-9035	5687473	1340669	9 28 62	26	13,810	542	305	3	20,020	3.5	708	2-68	42	980	19
51-13-0040	5575402	1330790	12 7 61	8	13,427	500	298	4	17,622	4.0	709	3-68	35	722	38
51-13-9135	6274144	1271810	10 20 64	34	16,240	616	305	2	18,685	4.1	762	11-67	40	641	23
51-13-9135	6108986	1447141	7 9 64	47	15,580	585	305	1	20,920	4.0	847	3-67	23	956	42
51-13-9135	6226934	1447141	9 25 64	35	16,420	617	305	2	19,095	4.3	816	4-68	30	839	44
51-13-9135	6226933	1447141	9 11 64	38	16,475	620	305	2	25,845	3.2	821	3-68	30	1636	44
51-13-9135	4265243	1049695	7 5 56	27	15,350	590	305	3	21,036	4.2	878	10-67	35	673	37
51-13-9135	6401640	1447141	5 10 65	40	15,430	589	305	1	21,310	3.3	706	7-67	23	1003	29
51-13-9135	6401639	1447141	2 11 65	34	16,270	624	305	1	29,000	3.4	997	10-67	23	1631	52
51-13-9135	6401650	1271810	3 23 65	42	16,280	627	305	1	20,010	3.7	732	8-67	36	688	17
51-13-9135	6401651	1271810	4 7 65	42	16,280	627	305	1	20,620	3.5	728	8-67	36	733	16
51-13-9135	6401638	1447141	2 9 65	47	15,580	585	305	1	19,020	4.5	855	3-67	23	784	43
51-13-9135	6401641	1447141	5 17 65	34	16,270	624	305	1	21,290	3.9	827	10-67	23	933	37
51-13-9135	6417153	1447141	7 1 65	40	15,880	613	305	1	17,970	4.2	753	8-67	23	664	31
51-13-9135	6417155	1447141	9 16 65	29	16,270	624	305	1	23,100	4.3	985	11-67	23	1097	51
51-13-9135	6417154	1447141	8 12 65	29	16,270	624	305	1	23,130	3.3	771	11-67	23	1100	32
51-13-9135	6588264	1447141	12 21 65	24	16,900	631	305	1	18,600	3.9	728	3-68	24	706	30
51-13-9135	6588263	1447141	12 17 65	15	16,140	626	305	1	17,370	3.6	624	1-68	23	589	18
51-13-9135	6588265	1447141	12 25 65	36	16,540	628	305	1	20,180	4.2	839	12-67	24	876	40
51-13-0188	6108967	1386777	8 1 64	35	15,085	568	305	2	19,650	3.5	681	2-68	30	614	15
51-15-0105	5855912	1392774	10 17 62	14	13,380	532	305	3	17,893	3.9	706	6-67	42	667	27
51-15-0105	5930751	1309582	4 14 63	10	14,333	567	305	3	19,373	3.7	719	12-67	36	748	21
51-15-0120	6282760	1392774	10 17 64	19	12,960	468	305	2	19,895	3.9	774	12-67	40	850	38
51-15-0120	6306529	1320310	6 10 64	19	12,730	480	305	2	14,155	3.5	491	10-67	40	814	19
51-15-0121	5993326	1399824	6 4 63	18	14,030	513	305	2	17,775	3.7	654	8-67	39	737	29

TABLE 5.—HIGH-RANKING PROGENY OF DHIA Sires: HOLSTEIN—Continued

COW'S LAST HERD CODE	COW'S REGISTRATION NO.	COW'S SIRE REGISTRATION NO.	COW'S BIRTH DATE (Mo.) (Day) (Yr.)	HERDMATES			AVERAGE PRODUCTION OF COW				LAST CALVING		REPEAT- ABILITY (Pct.)	COW INDEX	
				NUM- BER	MILK (Lb.)	FAT (Lb.)	IN MILK (Days)	REC. ORDS	MILK (Lb.)	FAT (Pct.)	FAT (Lb.)	(Mo.) (Yr.)	CAR	MILK	FAT
51-17-0008	5432067	1199324	7 18 61	17	14,485	551	305	4	17,887	3.7	653	6-67	44	953	30
51-17-0039	6588878	1445278	12 19 65	26	15,150	571	305	1	16,380	3.7	603	11-67	30	669	15
51-17-0039	6588877	1445278	11 10 65	31	15,090	562	305	1	16,860	3.5	589	9-67	30	713	15
51-17-0039	6454342	1445278	9 6 65	34	14,860	557	305	1	19,080	3.3	621	10-67	30	913	18
51-17-0058	5831590	1199324	7 18 62	15	15,823	553	305	3	18,550	3.2	596	2-67	42	874	23
51-17-0082	6577990	1346850	9 22 65	9	12,140	452	305	1	19,580	3.8	751	11-67	35	777	27
51-17-0108	5474211	1199324	7 7 61	25	13,202	504	302	4	18,385	3.5	642	9-67	44	1157	34
51-17-0108	5853073	1379208	3 1 63	36	13,086	491	294	3	17,563	3.9	678	2-68	41	894	35
51-17-0108	5853072	1379208	1 2 63	25	12,786	483	305	3	17,550	3.4	598	9-67	41	924	27
51-17-0108	5853068	1392774	1 2 63	25	12,823	483	305	3	17,083	3.3	564	6-67	42	631	16
51-17-0108	5907371	1392774	11 10 63	26	12,895	487	305	2	17,480	3.7	642	10-67	40	610	23
51-17-0108	5891629	1199324	4 29 63	32	12,790	483	305	2	15,290	3.9	590	11-67	40	798	28
51-17-9120	5610625	1199324	4 10 62	18	14,440	528	303	2	19,285	3.5	679	10-67	40	1053	33
51-17-9120	5237646	1344950	11 26 60	19	15,233	552	305	3	16,793	3.4	578	1-68	37	589	15
51-17-9120	6466109	1405940	8 1 64	18	14,280	526	300	2	19,320	3.4	653	7-67	32	664	20
51-17-0131	5852002	1199324	8 22 61	10	13,145	480	292	2	15,500	3.4	528	11-67	40	787	22
51-17-0131	5874189	1199324	9 28 61	10	13,380	492	305	3	14,433	3.5	509	3-67	42	653	19
51-17-0158	6828469	1276654	9 15 65	5	12,980	486	305	1	19,440	3.4	662	11-67	36	645	17
51-17-0188	6205925	1329588	12 3 64	9	14,600	518	305	1	19,830	3.8	755	1-68	36	661	25
51-17-0197	6472848	1347940	12 15 65	5	14,180	523	305	1	16,500	4.0	655	2-68	36	649	27
51-17-0209	6418826	1346850	12 24 65	14	15,750	572	305	1	21,240	3.7	795	1-68	35	640	21
51-17-0209	6350833	1320310	3 2 65	11	14,960	507	305	1	24,790	3.5	879	3-68	35	1475	45
52-04-0011	6365643	1421505	4 10 65	34	17,290	647	305	1	22,470	3.5	796	6-67	33	735	21
52-04-0011	5081396	1303103	4 8 60	27	15,870	572	304	6	20,853	3.2	677	1-68	38	852	17
52-04-0011	6075794	1308796	4 18 64	37	16,860	589	302	2	21,280	3.3	709	8-67	40	664	15
52-04-0012	5775571	1356412	2 1 63	11	14,005	516	305	2	18,850	3.6	672	7-67	29	722	21
52-07-0010	5691153	1199324	7 14 62	10	13,153	448	302	3	14,023	3.5	492	4-67	42	630	21
52-17-0031	4317918	1087974	10 1 56	20	13,700	497	305	1	16,350	3.4	561	12-67	36	589	19
52-23-0006	5759735	1358275	8 12 62	15	14,210	514	305	3	19,180	3.4	659	6-67	34	692	20
52-23-0011	6365640	1421505	2 14 65	69	14,540	495	305	1	19,370	3.2	623	5-67	33	686	15
52-23-0035	5167438	1338360	7 27 60	21	15,810	582	299	6	20,096	3.7	743	3-68	36	667	26
52-23-0039	6176789	1364780	6 25 64	38	13,500	503	305	1	18,410	3.9	709	7-67	23	594	26
52-23-0042	6369487	1316112	7 2 65	25	15,390	569	305	1	23,660	3.4	796	11-67	34	692	29
52-23-0074	6519349	1421505	3 18 65	31	13,280	508	303	1	18,290	3.9	713	9-67	34	722	21
52-26-0002	5342122	1199324	1 5 61	31	13,510	456	305	2	15,440	3.7	571	5-67	40	748	29
52-26-0015	5996422	1329588	12 5 63	9	12,540	417	305	2	17,905	3.2	576	12-67	40	782	22
52-28-0005	6288719	1308796	10 13 64	19	15,555	559	305	2	22,345	3.1	692	1-68	40	852	14
52-29-0002	5841512	1330987	7 21 62	21	14,170	540	305	3	18,040	3.3	596	11-67	42	771	24
52-29-0003	5555865	1382498	10 9 61	51	15,277	568	304	4	18,840	3.8	719	12-67	35	723	29
52-29-0003	5614741	1382498	2 11 62	44	14,560	539	304	4	18,167	3.9	710	9-67	35	719	31
52-29-0108	6034640	1421505	1 14 64	9	11,360	393	305	2	15,865	3.5	552	7-67	37	733	20
52-29-0108	5906299	1366872	8 23 63	10	13,470	487	305	3	19,836	3.3	657	4-68	35	945	24
52-29-0108	5906301	1366872	9 13 63	10	13,776	505	305	3	18,033	3.4	615	2-68	35	675	17
52-29-0108	6127253	1366872	9 7 64	9	12,605	436	305	2	19,125	3.3	634	10-67	32	862	24
52-32-0035	6365636	1421505	4 9 65	27	15,780	587	295	1	20,090	3.6	715	9-67	34	688	16

52-32-0038	5841550	1374983	4	8	63	25	13,543	498	305	3	17,923	3.5	623	9-67	32	636	19
52-35-0005	6005831	1373503	7	14	63	18	14,473	507	296	3	19,506	3.3	644	1-68	32	751	24
52-43-6015	6117044	1357786	11	11	63	37	14,435	482	305	2	19,440	3.2	621	6-67	29	672	17
52-43-6015	6151257	1308796	8	18	64	30	14,910	497	303	2	21,215	3.1	666	11-67	40	796	18
52-53-0067	5878049	2605996	6	27	63	24	15,440	610	305	2	19,205	3.9	752	9-67	40	646	16
52-53-0067	5878050	2605996	7	7	63	33	16,076	624	304	3	18,996	3.8	730	11-67	42	604	15
52-53-0075	5797454	1407817	12	15	62	25	15,160	578	300	3	19,340	3.7	711	8-67	32	758	24
52-53-0075	5797453	1407817	11	22	62	21	15,520	597	302	3	20,600	3.8	790	1-68	33	875	32
52-53-0075	5959412	1407817	10	28	63	23	15,230	580	304	2	19,145	3.5	675	6-67	29	667	17
52-53-0080	5760177	1222994	2	5	63	24	11,830	449	305	2	15,330	3.8	578	3-67	40	681	25
52-53-0091	6005997	1199324	11	30	62	8	16,205	619	221	2	17,030	3.6	615	6-67	8	663	18
52-53-0091	5521099	1199324	1	11	61	11	16,330	620	275	4	19,105	3.9	741	5-67	44	899	33
52-53-0114	6098551	1392774	12	12	63	21	10,865	403	305	2	15,555	3.9	599	7-67	40	600	26
52-53-0126	4977892	1249424	12	14	58	10	14,854	543	305	5	23,818	3.2	769	11-67	42	1184	27
52-53-0147	6384754	1320310	7	29	65	21	13,590	503	287	1	13,790	3.5	481	8-67	35	784	19
52-53-0163	6535745	1347940	2	14	66	14	16,710	583	305	1	18,850	3.1	588	3-68	36	655	18
52-53-0163	6005259	1291498	1	19	64	18	16,345	567	305	2	21,545	3.2	689	7-67	40	752	16
52-53-6203	6130203	1423715	11	17	63	29	15,270	598	305	3	21,196	3.6	773	12-67	41	968	25
52-56-0034	6221195	1383926	12	1	64	44	14,705	556	305	2	20,875	3.4	707	7-67	33	933	33
52-60-0002	6182306	1320310	10	7	64	16	17,570	649	293	2	17,375	3.8	663	12-67	40	698	21
52-60-0007	5436012	1381736	9	3	61	16	16,283	578	305	3	21,560	3.2	689	6-67	32	897	19
52-60-0010	5538620	1355004	8	25	61	25	16,340	589	305	4	20,207	3.3	676	10-67	33	738	17
52-60-0015	6300612	1222994	10	1	61	12	15,995	586	302	4	19,935	3.4	682	6-67	36	669	16
52-60-0021	6365661	1421505	3	16	65	39	15,400	543	305	1	20,590	3.0	608	9-67	34	753	11
52-60-0027	6775461	1421505	5	16	65	6	16,040	559	305	1	20,960	3.4	713	10-67	35	680	16
52-68-0011	5342186	1351844	12	12	60	39	15,220	570	305	4	19,410	3.7	718	11-67	33	606	24
52-71-0007	5634054	1372569	8	5	62	21	15,323	525	305	3	19,330	3.4	658	11-67	32	601	19
52-72-0012	6310991	1431086	7	4	64	39	12,085	442	294	2	17,000	3.3	554	12-67	28	695	18
52-72-0039	5775570	1356412	8	29	62	6	14,140	521	304	3	17,520	3.5	617	4-68	32	593	16
52-73-0002	5903835	1199324	9	13	63	12	14,813	543	296	3	17,873	3.6	639	12-67	42	900	28
52-73-0006	5406863	1199324	9	5	61	25	13,716	513	305	3	16,040	3.5	569	11-67	42	803	24
52-73-0010	5996420	1199324	11	2	63	13	13,625	501	294	2	13,890	3.4	479	7-67	40	580	16
52-75-0010	6209093	1407566	12	15	64	7	12,340	461	305	1	18,790	3.4	637	6-67	24	740	19
52-75-0040	5955147	1199324	9	1	63	12	15,315	569	305	2	18,685	3.6	681	5-67	40	912	30
52-75-0040	6530943	1452882	12	3	65	16	13,950	503	305	1	22,810	3.0	677	11-67	23	1138	23
52-75-0040	5955641	1199324	7	27	61	18	14,507	544	298	4	16,265	3.9	630	4-67	44	751	28
52-77-0011	5629549	1353255	7	7	62	38	12,845	485	302	4	16,612	4.2	705	11-67	35	607	38
52-80-0011	5913072	1407379	8	14	63	22	16,060	526	297	2	19,560	3.2	625	7-67	29	586	17
52-80-0019	5629554	1353255	8	26	62	33	15,432	587	300	4	19,790	3.8	747	2-68	35	729	31
52-81-0008	5486127	1199324	1	3	63	26	12,540	449	305	1	19,940	3.9	769	9-67	36	1131	42
52-81-0008	5856697	1270890	7	18	63	16	15,035	534	305	2	19,670	3.5	690	11-67	44	1382	44
52-82-0002	5856697	1270890	7	18	63	16	15,035	534	305	2	19,670	3.5	690	6-67	31	674	22
52-82-0003	5843424	1199324	8	1	62	25	18,366	640	302	3	19,173	3.4	655	4-67	42	682	20

TABLE 5.—HIGH-RANKING PROGENY OF DHIA SIRES: HOLSTEIN—Continued

COW'S LAST HERD CODE	COW'S REGISTRATION NO.	COW'S SIRE REGISTRATION NO.	COW'S BIRTH DATE (Mo., Day) (Yr.)	HERDMATES			AVERAGE PRODUCTION OF COW				LAST CALVING (Mo., Yr.)		REPEAT- ABILITY (Pct.)	COW INDEX	
				NUM- BER	MILK (Lb.)	FAT (Lb.)	IN MILK (Days)	REC- ORDS	MILK (Lb.)	FAT (Pct.)	FAT (Lb.)	CAR		MILK	FAT
52-82-0003	6478408	1330987	7 8 65	46	19,370	700	305	1	25,980	3.3	849	9-67	36	886	31
52-82-0003	6213901	1330987	8 9 64	44	18,980	649	304	2	22,115	3.5	765	9-67	40	703	31
52-82-0010	6416828	1421505	6 13 65	48	16,570	583	305	1	23,630	3.1	721	9-67	34	906	17
52-82-0012	5676977	1199324	2 6 62	28	14,657	476	305	4	15,545	3.1	489	11-67	44	645	18
52-82-0018	6115683	1303198	5 2 64	8	13,425	467	305	2	17,265	3.4	586	12-67	40	629	21
52-82-0027	5870136	1302435	7 5 63	14	15,325	543	305	2	19,270	3.5	684	11-67	32	584	21
52-82-0027	5341492	1302435	5 17 61	5	15,308	534	301	5	19,588	3.3	642	2-68	37	749	20
52-82-0057	5269902	1299488	10 26 60	24	14,400	545	304	5	18,014	3.6	641	8-67	38	634	15
52-82-0064	5257880	1010936	8 6 60	13	16,456	563	305	5	19,900	3.4	675	10-67	44	658	25
52-82-0065	5849919	1199324	12 21 62	16	15,236	524	290	3	15,673	3.7	574	3-67	42	604	23
52-82-0065	5680118	1369404	8 17 62	12	13,313	481	305	3	18,776	3.5	660	10-67	34	786	28
52-82-0088	5870748	1386777	12 31 62	20	16,730	621	305	2	22,345	3.1	698	7-67	30	758	11
52-82-0088	6526655	1421505	9 1 65	7	16,920	658	305	1	20,980	3.9	828	12-67	34	677	20
52-82-0089	6134512	1291498	7 9 64	28	14,695	501	300	2	19,710	3.3	644	8-67	40	716	18
52-83-0008	6419495	1316112	12 7 65	6	13,130	493	305	1	21,370	3.3	706	1-68	35	671	28
52-83-0019	5511178	1355004	9 25 61	9	13,180	497	305	1	19,050	3.5	674	12-67	26	602	16
52-85-0007	5438500	1199324	7 16 61	28	15,922	561	305	4	16,472	3.6	590	11-67	44	619	21
52-85-0007	5750608	1330987	11 22 62	27	16,046	564	305	3	19,366	3.4	663	10-67	42	729	29
52-85-0033	5937746	1379208	2 24 63	25	12,885	465	305	2	15,550	3.5	547	7-67	39	660	22
52-85-0033	5937745	1379208	2 24 63	18	13,393	460	296	3	15,190	3.4	511	4-68	41	584	19
52-86-0009	5960127	1222994	7 17 63	17	15,820	563	295	2	18,110	3.3	605	1-67	40	599	17
52-86-0009	5960125	1222994	3 16 63	26	14,340	511	287	2	19,080	3.7	704	9-66	40	832	32
52-86-0009	6049484	1222994	3 20 64	26	14,815	527	303	2	17,855	3.9	701	8-67	40	665	30
52-92-0001	6079655	1419662	3 2 64	75	16,235	583	299	2	20,160	3.4	691	10-67	29	593	19
52-95-0007	5504525	1359420	2 19 62	17	15,562	543	305	4	20,840	3.5	724	2-68	35	948	37
52-95-0030	6040000	1340669	2 17 64	21	12,305	462	305	2	17,140	3.3	573	1-68	40	750	11
52-95-0058	5732600	1154946	5 9 62	15	11,560	407	305	3	15,630	3.3	523	11-67	42	642	16
52-98-0003	5549871	1375427	1 21 62	24	15,417	537	297	4	18,515	3.4	636	9-67	35	646	19
52-98-0026	6180492	1308796	8 9 64	10	16,340	559	305	2	21,070	3.4	714	12-67	40	651	17
52-98-0034	6344654	1308796	9 27 64	25	15,730	516	305	2	23,210	3.0	701	12-67	40	924	19
54-02-0029	5718002	1373503	12 7 61	41	14,472	502	305	4	18,137	3.6	645	9-67	34	601	25
54-02-0033	5646054	1199324	7 17 62	10	12,290	442	295	4	14,365	3.5	503	11-67	44	762	23
54-02-0054	5921276	1329588	12 7 63	31	15,260	569	292	3	19,466	3.6	694	10-67	42	742	22
54-10-0002	5839005	1379208	9 8 62	25	16,142	561	298	4	20,552	3.4	700	12-67	42	957	31
54-10-0002	6482730	1242221	4 19 65	33	15,850	532	290	1	22,280	3.2	714	8-67	32	1177	38
54-10-0002	6482729	1242221	2 19 65	18	17,530	608	301	2	19,400	3.3	633	4-68	37	854	26
54-13-0016	6018516	1392774	5 19 63	5	15,150	518	202	2	21,335	3.2	683	7-67	40	796	24
54-13-0024	6418924	1434756	3 11 65	22	12,480	461	304	1	19,090	3.4	655	10-67	22	794	27
54-13-0024	6418925	1434756	4 14 65	24	12,490	462	291	1	16,860	3.8	649	9-67	22	591	26
54-13-0024	6359134	1434146	9 17 63	19	15,163	512	294	3	19,696	3.2	627	3-68	33	654	21
54-13-0051	6840241	1434554	11 4 65	10	14,000	513	302	1	19,190	3.8	725	9-67	22	736	29
54-13-0051	6840239	1434554	11 2 65	10	14,000	513	305	1	20,020	3.8	755	9-67	22	812	32
54-13-0052	6840236	1434554	10 17 65	8	14,210	507	305	1	20,570	4.2	856	10-67	22	845	42
54-13-0052	6443852	1346850	7 5 65	16	15,980	585	305	1	21,250	3.8	815	8-67	35	640	23
54-19-0003	6498662	1425910	10 15 65	23	12,300	461	305	1	20,220	3.6	738	11-67	22	779	27

54-19-0029	5553945	1346850	1	30	62	15	16,715	577	305	4	22,405	3.3	745	12-67	42	951	26
54-19-0029	6293889	1346850	11	9	64	13	17,200	596	305	2	26,465	3.2	847	12-67	39	1202	31
54-19-0029	5958689	1346850	11	23	62	12	17,313	592	305	3	21,103	3.3	700	5-67	41	636	17
54-19-0029	5958688	1346850	11	1	62	19	16,100	560	305	3	22,193	3.1	688	9-67	41	940	20
54-19-0029	5958686	1346850	10	25	62	12	17,725	609	305	4	21,267	3.4	715	3-68	42	677	18
54-19-0029	5958692	1346850	6	6	63	15	16,450	570	305	3	21,713	3.4	733	10-67	41	847	24
54-19-0042	6485775	1445278	8	7	65	12	13,490	494	305	1	17,590	3.0	535	11-67	30	892	15
54-19-0042	6472483	1343742	8	31	63	11	14,040	527	304	2	18,695	3.5	651	1-68	31	586	23
54-19-0042	6629854	1347940	10	16	65	12	13,450	484	305	1	18,370	3.7	672	12-67	36	897	33
54-19-0069	6509777	1458744	10	19	65	35	14,830	574	305	1	18,050	4.0	720	2-68	26	714	27
54-19-0069	6533938	1432217	9	1	65	53	13,620	537	305	1	20,880	3.6	751	10-67	24	879	29
54-19-0069	6453272	1432217	8	21	65	49	13,910	546	305	1	20,830	3.7	774	11-67	24	851	31
54-27-0029	5869977	1330987	3	26	63	12	15,790	621	305	3	18,843	3.9	742	10-67	42	695	32
54-27-0063	6400161	1271810	7	18	65	66	14,170	535	305	1	19,780	3.3	653	7-67	36	812	17
54-27-0063	6170473	1346850	11	28	64	51	14,750	533	305	1	19,830	3.4	677	11-67	35	616	16
54-31-0024	6522392	1445278	11	19	65	21	15,350	587	305	1	19,180	3.9	753	10-67	30	885	26
54-32-0014	6066138	1389882	11	8	63	19	14,853	555	305	3	19,930	3.5	688	12-67	41	717	20
54-32-0032	6595142	1273756	9	7	65	19	15,910	505	305	1	19,080	3.7	707	10-67	36	643	34
54-32-0033	6564284	1392774	1	23	66	9	15,910	554	305	1	22,660	3.2	724	12-67	35	687	21
54-35-0019	5736369	1199324	12	6	61	21	12,603	431	305	3	13,220	3.4	455	7-67	42	594	19
54-35-0019	5736370	1199324	3	2	62	19	12,790	438	305	3	14,410	3.4	493	8-67	42	712	23
54-35-0019	6181603	1329588	2	19	64	16	13,060	449	305	2	18,470	3.3	611	1-68	40	792	22
54-35-0027	5761031	1199324	3	2	63	8	12,986	459	296	3	14,663	3.5	514	7-67	42	720	23
54-35-0048	5911275	1283917	10	6	63	7	13,625	468	305	2	18,310	3.2	587	7-67	40	789	12
54-42-0010	6406281	1406271	8	27	65	24	15,550	610	305	1	18,580	4.1	761	9-67	35	750	36
54-42-0010	6428449	1445278	10	12	65	22	15,560	610	305	1	20,720	3.7	769	10-67	30	997	26
54-49-0015	5707377	1392774	12	1	62	23	14,803	561	305	3	18,880	3.8	719	1-68	42	633	26
54-49-0025	5727981	1199324	9	22	62	7	14,450	518	305	3	15,923	3.9	624	3-67	42	714	29
54-59-0029	4678655	1140803	3	3	55	17	11,020	389	302	5	15,018	3.3	503	7-67	35	609	17
55-00-0040	6088370	1244009	1	26	64	20	16,110	623	302	2	20,025	3.4	679	8-67	40	828	16
55-03-0001	4839365	1267257	9	28	58	42	14,270	490	302	6	22,788	3.5	804	3-68	36	1399	48
55-11-0006	6504408	1441026	10	15	65	57	16,180	589	293	1	19,100	3.6	679	10-67	28	815	22
55-11-0006	6504411	1441026	11	27	65	45	16,610	595	305	1	18,170	3.6	659	12-67	28	704	20
55-11-0006	6504409	1441026	11	8	65	55	16,060	582	273	1	21,810	3.8	818	11-67	28	1052	34
55-11-0006	6007059	1393645	9	1	63	70	16,586	597	299	3	22,523	3.2	724	12-67	38	1058	28
55-11-0006	5797357	1385036	1	19	63	62	17,722	628	292	4	20,142	3.5	713	12-67	43	647	17
55-11-0006	6157685	1414893	10	5	64	64	17,985	634	305	2	22,215	3.5	769	2-68	31	642	22
55-11-0006	6389875	1441026	8	11	65	57	16,180	589	292	1	20,200	3.6	720	10-67	28	907	26
55-11-0006	6389882	1288125	10	5	65	56	16,770	612	305	1	20,940	3.7	781	10-67	32	659	17
55-12-0012	5868242	1199324	9	6	62	36	13,870	500	305	1	15,610	3.3	514	8-67	36	719	20
55-18-0007	6275890	1199324	10	4	64	17	14,885	496	290	2	16,755	3.2	531	1-68	40	756	21
55-22-0015	5728290	1382498	1	15	63	9	15,070	526	300	3	18,720	3.7	690	4-68	33	699	28
55-22-0015	5656763	1382498	7	15	62	13	13,673	533	305	3	19,550	3.3	649	6-67	33	762	22
55-22-0015	6089827	1382498	4	27	64	12	15,400	475	305	2	16,945	3.4	575	3-68	30	599	17
55-22-0015	6031069	1382498	6	11	63	16	13,465	480	302	2	18,270	3.8	699	11-67	30	771	32

TABLE 5.—HIGH-RANKING PROGENY OF DHIA SIRE: HOLSTEIN—Continued

COW'S LAST HERD CODE	COW'S REGISTRATION NO.	COW'S SIRE REGISTRATION NO.	COW'S BIRTH DATE (Mo.) (Day) (Yr.)	HERDMATES		AVERAGE PRODUCTION OF COW				LAST CALVING		REPEAT- ABILITY (P_{CL})	COW INDEX	
				NUM- BER	MILK (Lb.)	FAT (Lb.)	IN MILK (Days)	REC- ORDS	MILK (Lb.)	FAT (Pct.)	(Mo.) (Yr.)		MILK	FAT
55-22-0015	5893271	1382498	5 4 63	17	13,105	460	301	2	17,330	3.4	1-68	30	697	21
55-22-0015	5969570	1382498	10 23 63	17	13,335	470	301	2	17,375	3.2	1-68	30	678	16
55-22-0024	6008513	1388982	9 23 63	9	15,633	570	305	3	19,563	3.5	4-68	41	592	17
55-22-0024	6383017	1406271	2 22 65	17	13,000	491	305	1	15,420	4.1	9-67	35	684	34
55-22-0024	6449914	1406271	8 26 65	10	13,660	501	305	1	17,580	3.5	12-67	35	789	32
55-22-0035	6508488	1406271	10 12 65	23	16,340	617	305	1	22,020	3.9	12-67	35	943	42
55-22-0035	6508487	1406271	7 15 65	14	15,160	577	305	1	20,050	4.1	11-67	35	887	43
55-22-0043	6441858	1406271	8 31 65	8	17,600	620	305	1	20,740	3.6	2-68	35	760	33
55-22-0043	6386032	1406271	8 18 65	8	17,600	620	305	1	20,630	3.8	2-68	35	752	36
55-22-0043	6256358	1406271	11 5 64	9	15,330	549	305	1	19,680	3.6	5-67	35	848	36
55-22-0043	6041957	1406271	2 6 64	8	14,355	511	305	2	16,150	3.8	8-67	40	667	32
55-22-0043	6634640	1406271	6 1 66	6	17,200	615	305	1	25,200	3.3	4-68	35	1124	40
55-22-0043	6834638	1406271	5 13 66	8	17,600	620	305	1	19,680	3.1	2-68	35	680	24
55-22-0043	6222405	1406271	8 17 64	10	15,440	559	300	2	20,385	3.4	1-68	40	986	35
55-23-0003	6273718	1406271	2 14 65	24	11,440	403	305	1	14,060	3.6	8-67	35	688	30
55-28-0002	6392345	1301864	7 31 65	18	15,290	589	304	1	19,890	3.6	6-67	35	622	24
55-28-0025	6515814	1301864	1 2 66	8	14,640	568	305	1	19,720	3.9	3-68	35	621	29
55-28-0025	6515813	1447141	12 9 65	9	15,300	609	284	1	17,240	3.5	3-68	24	713	21
55-28-0027	5800189	1199324	12 5 62	21	14,250	494	305	2	15,100	3.7	7-67	40	646	24
55-28-0034	6484041	1320310	7 13 65	25	13,210	474	305	1	15,060	3.8	12-67	35	859	27
55-28-0034	6413028	1298372	10 5 65	14	12,850	463	305	1	16,630	3.6	3-68	34	642	19
55-28-0035	4931618	1060259	9 12 59	33	13,620	523	302	3	20,130	3.4	9-67	42	1115	28
55-28-0035	5628345	1230640	8 11 62	10	13,783	513	291	3	20,140	3.3	1-67	42	810	18
55-29-0009	6354798	1244009	7 8 65	22	15,120	501	285	1	19,510	3.4	8-67	36	770	21
55-29-0009	5917436	1409684	9 27 63	27	15,040	514	305	3	20,420	3.2	11-67	32	855	20
55-32-0007	5323877	1199324	1 7 61	23	14,416	511	305	5	16,140	3.2	10-67	44	749	17
55-33-0029	5693676	1230640	8 9 62	12	14,256	519	303	3	19,150	3.4	7-67	42	646	18
55-33-0037	6449122	1298372	11 9 65	5	15,630	590	305	1	18,730	4.1	3-68	34	611	23
55-35-0049	6600141	1282936	5 10 65	24	13,110	462	305	1	21,040	3.2	11-67	34	958	29
55-35-0049	6098929	1294703	2 14 64	17	15,220	539	301	2	18,170	3.3	4-67	40	728	16
55-35-0050	5755241	1271810	12 31 62	18	12,733	459	305	3	17,056	3.2	7-67	42	840	17
55-38-0003	5852941	1259069	12 24 62	13	14,686	548	305	3	17,970	3.7	3-68	42	595	17
55-38-0003	5852947	1230640	4 5 63	22	15,440	580	305	2	23,070	3.3	3-67	40	867	21
55-38-0003	6401050	1259069	9 3 65	14	15,670	580	305	1	21,360	3.9	10-67	36	666	23
55-38-0003	6121092	1349055	2 24 64	11	15,610	580	305	2	19,540	3.6	1-68	32	600	18
55-38-0010	6331340	1439452	8 1 64	15	13,165	473	288	2	18,800	3.1	9-67	28	794	18
55-38-0011	5986504	1406943	12 11 63	25	15,245	508	305	2	20,340	3.1	12-67	29	614	15
55-38-0015	5772509	1321870	8 27 62	7	15,240	515	299	3	19,390	3.3	8-67	37	659	17
55-38-0024	5230074	1330918	7 25 60	15	15,305	544	288	4	19,022	3.5	10-67	37	604	18
55-38-0034	4705832	1288125	9 22 58	40	16,344	539	296	7	18,917	3.4	7-67	41	647	18
55-38-0034	6482076	1441026	7 28 65	57	15,910	558	305	1	19,400	3.1	9-67	28	860	18
55-38-0034	5824609	1288125	1 27 63	34	17,010	560	303	3	20,676	3.0	6-67	39	758	10
55-38-0034	5756394	1375263	11 10 62	40	16,980	574	305	3	22,470	3.1	11-67	36	1053	22
55-38-0034	5893652	1288125	3 16 63	36	16,923	565	305	3	20,316	3.5	7-67	39	723	20
55-38-0034	5893659	1393645	8 4 63	42	17,350	573	305	3	21,203	3.0	2-68	38	773	20

55-38-0034	6380453	1441026	7 18 65	49	15,810	553	305	1	18,590	3.4	626	8-67	28	800	20
55-40-0019	5612618	1144239	3 17 62	25	16,063	538	305	3	22,063	3.6	792	11-67	42	715	24
55-40-0021	6366355	1330597	7 30 65	32	16,460	594	302	1	21,700	3.3	709	10-67	34	732	21
55-40-0021	5996630	1408561	12 1 63	25	17,786	637	300	3	22,016	3.4	745	3-68	33	662	18
55-40-0021	5340192	1113350	2 10 61	26	16,990	607	303	5	23,072	3.5	805	6-67	44	859	28
55-40-0021	5419657	1175596	9 15 61	30	18,070	638	305	4	23,740	3.7	872	6-67	41	706	31
55-40-0051	6649906	1259069	2 6 66	14	17,960	678	303	1	22,490	3.6	801	2-68	36	597	15
55-40-0051	6229478	1259069	11 18 64	19	17,045	637	304	2	20,340	4.3	876	12-67	40	582	30
55-42-0005	5851644	1239886	2 25 63	28	15,240	562	305	3	19,636	3.4	665	9-67	42	681	23
55-43-0007	5852654	1239242	5 8 63	41	14,756	506	305	3	17,523	3.3	585	12-67	42	610	19
55-43-0007	5663715	1394399	8 9 62	29	15,207	520	287	4	18,397	3.4	619	3-68	35	594	18
55-43-0007	5100225	1060259	1 5 60	30	15,375	534	300	6	17,666	3.3	586	10-67	44	672	16
55-43-0007	5901168	1239242	9 26 63	40	15,220	515	305	2	18,600	3.5	660	3-68	40	648	25
55-43-0007	6309335	1447414	5 14 65	29	14,960	508	305	1	20,330	3.4	685	6-67	26	1158	38
55-43-0014	4979168	1060259	9 21 59	21	13,448	492	300	6	15,341	3.7	563	11-67	44	596	18
55-44-0013	4739748	1087974	12 19 56	24	12,436	440	305	6	15,790	3.5	552	1-68	44	758	27
55-44-0014	6010369	1291498	1 13 64	22	14,220	509	303	2	23,355	3.2	751	1-67	40	1132	28
55-44-0062	4980350	1060259	7 20 59	20	14,875	515	304	6	20,353	3.7	743	2-67	44	1077	39
55-48-0035	6103082	1244009	2 18 64	9	14,450	501	305	2	19,425	3.2	613	9-67	40	919	21
55-48-0054	6413175	1406271	8 3 65	9	15,900	521	305	1	19,890	3.8	751	12-67	35	825	41
55-53-0009	6149436	1288125	10 3 64	38	17,190	657	304	2	19,915	3.9	768	1-68	36	611	16
55-53-0017	5017019	1060259	8 25 59	22	13,712	501	305	5	15,998	3.6	582	2-67	44	650	19
55-54-0037	6457647	1406271	9 9 65	16	13,680	513	291	1	17,120	3.6	622	11-67	35	766	32
55-56-0016	6222462	1244009	6 6 64	12	13,390	498	305	2	17,045	3.6	611	1-68	40	774	21
55-57-0004	6146943	1288125	10 29 64	21	15,090	511	305	2	20,830	3.3	682	2-68	36	913	21
55-57-0004	6366356	1330597	9 14 65	17	16,040	554	305	1	20,770	3.4	699	11-67	34	689	23
55-59-0014	6366366	1406271	7 13 65	16	15,130	514	305	1	16,480	3.3	538	9-67	35	620	25
55-59-0014	5267545	1293401	11 9 60	16	15,945	556	301	6	22,073	3.5	762	3-68	43	972	29
55-59-0040	6468963	1261857	12 24 65	14	14,950	547	290	1	18,500	3.3	611	10-67	33	604	23
55-61-0009	5088861	1087974	6 22 57	24	12,931	458	299	7	14,925	3.7	550	7-67	44	589	24
55-61-0009	6302909	1329588	11 28 64	22	14,405	520	304	2	19,550	3.5	694	12-67	40	778	24
55-61-0009	5939957	1199324	10 14 63	35	13,620	491	305	2	15,660	4.3	671	6-67	40	760	36
55-61-0009	5929432	1312259	7 17 63	16	13,836	512	296	3	19,586	3.2	636	9-67	35	853	15
55-61-0015	6395972	1386406	10 13 65	7	15,140	504	279	1	17,680	3.3	589	4-68	35	581	22
55-63-0001	6398345	1421168	7 20 65	36	10,330	411	305	1	17,080	3.8	657	6-67	23	624	25
55-67-0005	6102801	1199324	7 10 64	34	15,670	599	305	2	17,795	3.9	690	8-67	40	789	28
55-67-0010	5558681	1199324	10 24 61	7	15,550	626	284	2	17,460	4.2	737	11-67	40	766	30
55-67-0010	5795985	1199324	11 28 62	16	15,260	574	294	3	18,953	3.5	663	9-67	42	978	28
55-67-0014	6238634	1262597	12 6 64	25	15,500	603	305	1	15,780	4.5	716	5-67	28	586	29
55-67-0014	5221097	1060259	10 11 60	29	15,002	572	300	5	17,228	4.0	683	11-67	44	659	24
55-67-0014	5469261	1199324	8 4 61	20	15,827	607	303	4	19,265	3.9	751	2-67	44	974	36
55-67-0016	5275596	1336523	11 10 60	27	16,884	612	304	5	20,706	4.0	838	12-67	39	754	40
55-67-0016	6484056	1347940	8 22 65	35	17,200	604	298	1	19,190	3.0	570	9-67	36	706	18
55-67-0016	6484057	1347940	8 26 65	16	17,720	618	305	1	20,120	3.4	684	11-67	36	741	25
55-67-0016	5558682	1199324	10 30 61	28	16,632	602	305	4	23,722	3.5	820	10-67	44	1435	45

TABLE 5.—HIGH-RANKING PROGENY OF DHIA SIRE: HOLSTEIN—Continued

COW'S LAST HERD CODE	COW'S REGISTRATION NO.	COW'S SIRE REGISTRATION NO.	COW'S BIRTH DATE (Mo.) (Day) (Yr.)	HERDMATES			AVERAGE PRODUCTION OF COW				LAST CALVING		REPEAT- ABILITY (Pct.)	COW INDEX	
				NUM- BER	MILK (Lb.)	FAT (Lb.)	IN MILK (Days)	REC- ORDS	MILK (Lb.)	FAT (Pct.)	FAT (Lb.)	(Mo.) (Yr.)		MILK	FAT
55-67-0016	5732477	1154946	9 1 61	11	18,296	668	294	5	22,108	3.4	741	4-68	44	743	15
55-67-0016	6335113	1347940	7 13 65	35	17,200	604	305	1	18,250	3.5	636	9-67	36	636	22
55-67-0018	5424893	1199324	9 9 61	26	15,767	561	302	4	17,797	3.2	575	10-67	44	800	19
55-67-0018	6110131	1329588	3 11 64	20	16,670	585	297	2	19,980	3.5	698	6-67	40	615	19
55-67-0021	5726826	1154946	9 1 62	20	13,303	476	305	3	16,886	3.6	614	6-67	42	606	20
55-67-0021	5649378	1222994	7 24 62	22	12,586	452	292	3	17,430	3.4	594	8-67	42	878	28
55-67-0028	5833477	1386774	1 21 63	18	16,147	596	304	4	21,855	3.4	743	4-68	34	874	22
55-67-0068	6119037	1399628	7 16 64	44	15,090	565	305	1	20,010	3.7	749	9-67	24	647	21
55-67-0068	5423882	1364243	11 19 61	35	15,057	561	302	4	19,150	3.7	716	10-67	38	688	25
55-67-0068	5429400	1364243	11 2 61	33	15,240	569	305	4	18,637	3.7	693	11-67	38	596	21
55-67-0068	5416582	1364243	10 10 61	23	14,346	535	305	3	19,020	3.5	661	7-67	37	747	21
55-75-0014	6508712	1355784	8 22 65	56	15,340	562	305	1	20,690	3.4	701	9-67	35	1005	22
55-75-0014	6541732	1355784	6 15 65	29	16,300	588	305	1	21,350	3.1	657	5-67	35	989	17
55-75-0014	5842794	1199324	7 24 62	59	14,060	507	297	4	15,502	3.4	527	10-67	44	706	19
55-75-0014	5930522	1199324	9 30 63	41	15,205	543	305	2	19,505	3.5	677	3-67	40	1005	31
55-75-0014	5930501	1400683	4 23 63	55	14,770	532	305	3	19,293	3.6	690	10-67	32	588	19
55-75-0014	5930523	1199324	11 5 63	41	15,205	543	305	2	15,550	3.5	540	3-67	40	604	18
55-75-0030	6530237	1329588	12 11 65	33	16,490	602	305	1	22,440	3.4	772	1-68	36	729	20
55-75-0035	6175583	1199324	1 6 63	9	12,470	446	302	2	13,685	3.5	475	7-67	40	665	20
55-75-0040	6476741	1330987	12 3 65	15	17,130	552	305	1	21,270	3.1	650	1-68	36	652	25
55-78-0023	6033713	1199324	12 25 63	15	12,550	464	272	1	14,180	3.0	421	10-67	36	701	16
55-78-0023	6033714	1199324	1 25 64	11	13,130	465	292	1	16,870	3.5	597	7-67	36	863	28
55-79-0017	6076109	1232422	12 1 63	31	15,790	555	305	2	20,755	3.5	720	10-67	40	815	27
55-79-0017	6350893	1425626	1 29 65	10	16,210	559	305	2	19,635	3.4	663	4-68	33	615	23
55-79-0020	6053807	1244009	1 28 64	9	13,400	507	305	1	18,330	3.7	683	3-68	36	797	23
55-79-0075	6052396	1154946	10 14 63	13	15,680	551	305	2	20,720	3.1	642	6-67	40	738	14
55-79-0075	6444203	1249430	6 23 65	12	13,850	501	305	1	22,620	3.2	727	2-68	36	809	25
55-82-0001	6365608	1421505	11 22 64	24	16,310	588	305	1	19,890	3.9	780	3-67	33	601	21
55-83-0017	6180939	1329588	10 30 64	22	16,770	601	305	2	22,775	3.7	838	1-68	40	890	31
55-85-0007	5839443	1338072	3 22 63	11	11,110	394	300	3	14,690	3.4	494	12-67	33	619	18
55-85-0010	6384480	1421505	11 1 65	22	12,460	442	304	1	19,920	3.3	667	12-67	34	905	22
55-85-0010	6384484	1282185	10 12 65	31	13,100	462	305	1	19,710	3.3	643	12-67	36	614	16
55-89-0020	6309852	1154946	8 1 63	16	14,580	516	305	2	18,785	3.5	661	8-67	40	642	19
55-91-6003	5823684	1288125	2 14 63	16	16,817	607	305	4	20,450	3.7	761	1-68	40	778	24
55-91-6003	6516838	1441026	10 14 65	5	18,300	655	299	1	20,840	3.7	771	11-67	28	801	25
55-91-0005	5647520	1230640	8 5 62	50	18,316	575	305	3	22,453	3.3	745	9-67	42	605	22
55-91-0005	5713579	1230640	10 19 62	48	18,610	584	305	3	23,373	3.2	744	8-67	42	681	21
55-91-0005	5713578	1230640	9 9 62	41	18,366	583	305	3	22,320	3.5	780	9-67	42	584	25
55-91-0008	6363154	1399380	9 1 65	7	15,260	576	305	1	24,260	3.1	756	1-68	25	1055	23
55-91-0010	5639564	1375263	6 24 62	57	16,217	588	295	4	18,267	3.7	668	10-67	37	611	18
55-91-0013	6047515	1244009	1 27 64	14	14,740	514	305	2	16,865	3.5	586	7-67	40	632	17
55-91-0017	6029206	1222994	7 15 63	37	16,920	585	305	2	19,660	3.1	617	9-66	40	656	17
55-91-0017	6094840	1271075	8 13 63	32	16,620	574	301	3	18,853	4.1	768	8-67	42	737	39
55-91-0017	6356720	1222994	2 20 65	19	17,790	614	305	1	21,350	3.2	684	5-67	36	662	19
55-91-0017	6325239	1244009	5 22 64	28	17,470	591	305	2	19,675	3.6	708	12-67	40	668	22

55-91-0017	6133438	1271075	9 19 63	36	16,730	576	303	2	25,000	3.3	821	9-66	40	1331	42
55-91-0026	6109966	1431026	6 6 64	21	12,895	428	305	2	20,245	3.5	712	10-67	30	871	33
55-91-0026	6243430	1431026	4 29 64	15	14,230	474	305	2	19,980	3.3	655	8-67	30	699	21
55-95-0006	6208752	1288125	10 23 64	69	18,105	670	277	2	22,025	3.1	690	1-68	36	750	6
55-95-0006	6104998	1402218	7 20 64	39	16,165	621	295	2	19,860	3.6	709	8-67	32	753	16
55-95-0006	6342820	1441026	6 26 65	46	16,980	633	296	1	21,450	3.3	704	5-67	28	952	21
55-95-0006	6008212	1402218	12 25 63	49	17,670	672	305	2	23,835	3.6	851	6-67	32	1054	27
55-95-0006	6008213	1402218	12 27 63	46	17,520	670	305	2	21,490	3.2	684	7-67	32	800	8
55-95-0006	6008209	1393645	1 11 64	46	16,825	633	305	2	21,005	3.6	758	9-67	36	785	26
55-95-0006	5617477	1375263	8 1 62	48	16,740	632	305	3	19,426	3.7	715	10-67	36	688	18
55-95-0006	6463928	1441026	8 2 65	85	17,190	627	305	1	22,060	3.3	723	12-67	30	909	19
55-97-0001	6484060	1347940	9 30 65	23	11,520	398	305	1	15,510	3.9	601	8-67	36	813	33
55-97-0001	5861459	1338076	12 6 62	27	11,805	406	297	4	15,785	3.3	527	11-67	34	604	16
55-97-0001	6335112	1347940	7 4 65	23	11,520	398	305	1	13,370	4.1	542	8-67	36	653	29
55-97-0001	6362916	1404129	3 9 65	10	10,090	367	305	1	16,690	3.3	555	6-67	22	701	18
55-97-0001	6277318	1404129	12 14 64	26	12,015	412	305	2	16,025	3.5	559	2-68	29	593	21
56-04-0008	6257492	1406271	11 19 64	9	13,960	512	305	1	19,000	3.6	682	5-67	35	889	36
56-04-0008	5577166	1271810	1 9 62	10	14,627	520	305	4	19,797	3.4	680	4-68	44	996	27
56-04-0008	5248284	1113350	12 21 60	10	14,540	526	304	3	20,726	3.5	716	1-68	42	754	23
56-04-0014	4775763	1113350	12 10 58	16	14,146	494	305	5	18,586	3.3	620	11-67	44	610	17
56-04-0014	5741296	1378614	1 18 63	12	14,293	502	305	3	19,363	3.3	638	2-68	33	1040	24
56-04-0014	5784499	1378614	4 3 63	19	14,236	508	267	3	17,376	3.3	570	8-67	33	782	14
56-06-0004	5847480	1113350	7 25 62	16	14,705	525	305	2	20,780	3.5	718	1-68	40	661	21
56-06-0004	6334473	1406271	12 5 64	41	13,960	507	293	1	17,790	3.6	638	9-67	35	798	33
56-06-0004	6334470	1341149	9 16 64	33	14,090	519	305	1	22,630	3.2	729	10-67	35	908	16
56-15-0006	5801705	1249419	12 13 62	19	11,693	426	305	3	17,726	3.3	589	9-67	33	816	23
56-16-0001	6592405	1259069	6 7 65	41	17,070	597	305	1	24,590	3.5	853	7-67	36	813	24
56-16-0001	7023029	1406271	6 29 66	36	16,910	574	305	1	19,470	3.5	673	1-68	35	711	31
56-16-0001	7023028	1406271	6 9 66	28	16,760	559	305	1	22,140	3.0	656	3-68	35	923	31
56-16-0001	6344230	1244009	6 13 64	22	17,560	596	297	2	19,495	3.3	637	4-68	40	642	15
56-18-0006	6598465	1341149	9 15 64	16	14,920	561	305	1	19,990	3.8	757	7-67	35	642	15
56-18-0006	5935170	1271075	9 14 63	14	14,136	528	303	3	16,830	4.0	670	8-67	42	762	32
56-19-0010	6305544	1406271	12 20 64	21	14,290	443	305	2	17,005	3.7	625	2-68	40	746	39
56-23-0002	6522789	1222994	1 10 65	62	14,640	544	305	1	17,930	3.7	656	7-67	36	618	22
56-27-0012	5246106	1010936	9 13 60	37	14,182	498	305	4	19,422	3.4	652	7-67	44	834	29
56-27-0012	5246107	1010936	10 5 60	57	13,786	496	301	5	19,820	3.3	655	9-67	44	958	30
56-27-0012	5908622	1244009	9 9 63	71	13,690	496	300	3	16,640	3.3	556	8-67	42	731	16
56-27-0012	6132214	1421089	8 11 64	53	13,720	491	294	2	17,465	3.3	583	8-67	29	584	18
56-30-0003	6109253	1406271	6 26 64	12	15,920	565	305	1	19,280	3.5	666	2-68	35	764	31
56-30-0003	6198574	1406271	10 24 64	34	13,880	493	305	1	16,710	3.4	572	9-67	35	722	29
56-30-0003	6198572	1406271	9 14 64	35	13,720	486	305	1	18,310	3.3	613	8-67	35	854	33
56-30-0003	5943918	1355784	11 26 63	29	13,570	483	305	2	17,975	3.4	614	6-67	39	1002	24
56-30-0003	5945892	1406271	10 27 63	8	17,250	606	294	1	18,100	3.5	625	3-67	35	598	26
56-30-0003	6430313	1406271	8 14 65	17	15,960	567	305	1	20,320	3.3	669	1-68	35	840	31
56-30-0003	6334387	1406271	2 15 65	35	13,720	486	305	1	16,370	3.4	564	8-67	35	707	29

TABLE 5.—HIGH-RANKING PROGENY OF DHIA SIRE: HOLSTEIN—Continued

COW'S LAST HERD CODE	COW'S REGISTRATION NO	COW'S SIRE REGISTRATION NO.	COW'S BIRTH DATE (Mo.) (Day) (Yr.)	HERDMATES			AVERAGE PRODUCTION OF COW				LAST CALVING		REPEAT- ABILITY (Pct.)		COW INDEX	
				NUM. BER	MILK (Lb.)	FAT (Lb.)	IN MILK (Days)	REC- ORDS	MILK (Lb.)	FAT (Pct.)	FAT (Lb.)	(Mo.) (Yr.)	CAR		MILK	FAT
56-30-0003	5816864	1271810	8 20 62	27	14,290	515	305	2	18,690	3.6	667	11-67		40	820	23
56-30-0003	5816868	1271810	2 1 63	33	13,785	493	305	2	16,315	3.5	571	9-67		40	625	15
56-30-0003	5874722	1271810	5 17 63	17	13,875	490	305	2	18,515	3.3	615	6-67		40	840	20
56-30-0037	6289368	1406271	4 9 65	54	14,850	511	305	1	18,340	3.5	647	7-67		35	779	34
56-30-0037	6289367	1406271	2 18 65	49	15,290	521	305	1	19,330	3.7	706	5-67		35	824	38
56-30-0037	5988148	1398285	11 30 63	38	16,115	554	305	2	21,330	3.3	702	6-67		30	682	19
56-30-0037	6215965	1406271	1 5 65	49	15,290	521	305	1	19,840	3.3	647	5-67		35	862	33
56-30-0038	6139387	1406271	9 6 64	28	16,485	569	305	2	19,835	3.4	676	1-68		40	833	33
56-30-0038	6091435	1406271	6 6 64	24	17,120	585	305	2	21,025	3.4	717	4-68		40	897	36
56-30-0038	6328532	1411856	7 3 65	18	14,970	529	305	1	23,860	3.2	765	12-67		22	1012	28
56-30-0038	6613107	1406271	11 21 65	30	16,740	573	305	1	21,250	3.4	718	1-68		35	857	34
56-34-0020	6196672	1406271	11 23 64	32	15,775	584	305	2	20,640	3.9	807	3-68		40	981	45
56-34-0028	6167099	1424245	10 25 64	25	17,950	682	305	1	24,560	3.2	790	2-67		26	804	11
56-34-0028	5836322	1303198	6 14 63	27	16,090	577	305	2	20,890	3.5	736	8-67		40	753	26
56-34-0028	6408348	1406271	9 9 65	36	16,330	584	296	1	17,210	4.1	698	10-67		35	593	33
56-34-0028	6408350	1406271	10 9 65	27	16,490	584	305	1	22,600	3.4	769	12-67		35	989	38
56-34-0028	6408351	1406271	10 29 65	35	16,250	579	305	1	24,600	3.4	838	11-67		35	1157	44
56-36-0006	6219513	1378614	7 3 62	10	13,373	474	305	3	17,813	3.4	598	7-67		33	944	22
56-36-0011	5786336	1271810	2 16 65	12	14,593	526	297	3	17,606	3.3	586	6-67		42	711	15
56-37-0008	6331405	1271810	1 26 65	31	13,840	521	305	1	19,470	3.3	640	6-67		36	811	17
56-37-0008	6331408	1271810	4 13 65	31	13,840	521	305	1	22,910	3.4	789	6-67		36	1068	28
56-37-0008	6263036	1341149	1 9 65	49	15,770	602	305	2	21,880	3.5	775	1-68		40	856	19
56-38-0008	6341967	1406271	10 2 64	27	14,505	567	305	2	17,460	3.9	685	12-67		40	773	34
56-38-0008	6363977	1406271	2 9 65	38	13,270	516	305	1	16,500	3.6	596	6-67		35	748	30
56-38-0008	6668659	1406271	12 30 64	40	13,785	540	290	2	15,930	3.7	591	8-67		40	696	28
56-38-0008	6668658	1406271	2 20 65	47	13,020	511	303	1	16,570	3.7	618	9-67		35	770	32
56-38-0008	6650865	1406271	10 12 64	45	13,050	510	305	1	14,140	3.8	538	7-67		35	584	26
56-38-0017	5857897	1355784	7 26 63	8	13,580	517	294	1	16,190	3.5	571	8-67		35	782	15
56-38-0066	6179292	1271810	9 25 64	11	12,270	428	305	1	16,060	3.3	528	8-67		36	662	15
56-38-0066	5899950	1271810	9 4 63	12	11,656	398	305	3	15,143	3.2	492	2-68		42	732	17
56-38-0072	6192303	1355784	8 11 64	37	11,920	459	295	2	16,180	3.9	628	7-67		39	970	28
56-40-0024	6140611	1406271	4 10 64	24	11,180	383	305	1	13,720	3.3	451	8-67		35	680	28
56-40-0024	5943914	1271810	11 13 63	15	12,626	422	300	3	15,246	3.4	511	3-68		42	643	17
56-40-0024	5679953	1271810	7 12 62	20	12,483	422	303	3	16,786	3.0	499	8-67		42	835	15
56-41-0025	5894259	1355784	8 9 63	48	14,360	510	305	3	20,703	3.2	662	3-68		42	1257	28
56-41-0025	6056643	1271810	2 5 64	53	14,140	506	293	2	18,315	3.5	634	6-67		40	795	20
56-41-0025	6122343	1199324	1 13 64	58	13,815	493	305	2	17,720	3.8	674	10-67		40	951	36
56-41-0025	6285793	1406271	2 4 65	67	13,600	493	305	1	16,240	3.6	587	7-67		35	705	30
56-41-0025	6513637	1406271	9 1 65	55	15,030	521	305	1	19,800	3.5	702	1-68		35	864	37
56-41-0028	6578511	1406271	10 30 65	19	16,050	558	305	1	18,780	3.9	725	4-68		35	718	36
56-41-0028	6342944	1406271	1 4 65	42	14,370	486	305	1	18,500	3.7	682	7-67		35	824	38
56-41-0028	6342945	1406271	1 11 65	32	13,920	469	259	1	17,510	3.6	634	6-67	H	35	780	36
56-41-0028	6379712	1406271	6 27 65	32	14,880	512	305	1	17,650	3.1	540	10-67		35	725	26
56-43-0025	6388070	1355784	10 5 65	89	13,290	472	305	1	16,900	3.6	600	10-67		35	856	20
56-43-0025	6388069	1355784	8 29 65	119	13,020	461	305	1	19,060	3.5	672	9-67		35	1040	27

56-43-0025	6308084	1406271	4 26 65	83	13,560	476	284	1	15,900	3.5	554	5-67	35	683	29
56-43-0025	6308083	1406271	4 19 65	69	14,165	510	291	2	16,420	3.4	566	2-68	40	698	27
56-43-0025	6513983	1446184	1 26 66	56	12,980	462	305	1	18,940	3.6	683	3-68	23	631	23
56-43-0025	5505884	1271810	1 21 62	96	13,340	457	298	4	15,905	3.4	533	9-67	44	658	16
56-43-0025	6230423	1408654	1 9 65	80	14,440	520	293	2	20,415	3.7	748	12-67	31	815	30
56-43-0025	6230428	1355784	2 2 65	89	13,290	472	305	1	16,770	3.6	601	10-67	35	846	21
56-43-0025	6034385	1408654	2 1 64	102	13,145	456	305	2	17,565	3.5	612	7-67	31	618	21
56-43-0025	5894277	1271810	10 10 63	73	14,203	500	304	3	19,300	3.5	671	2-68	42	946	27
56-43-0025	5894263	1355784	8 31 63	103	14,175	489	305	2	15,310	3.5	534	12-67	40	648	15
56-43-0025	5894275	1271810	10 2 63	85	14,343	504	303	3	18,073	3.6	642	12-67	42	791	23
56-43-0026	6065646	1355784	2 17 64	66	13,295	455	305	2	18,815	3.5	654	2-68	40	1087	31
56-43-0026	6065647	1355784	3 18 64	104	13,785	478	305	2	16,005	3.4	547	9-67	39	778	17
56-43-0026	6058162	1271810	9 1 63	101	13,673	477	300	3	16,916	3.6	606	12-67	42	727	22
56-43-0026	6015966	1271810	1 13 64	95	13,650	472	305	2	16,025	3.4	548	10-67	40	607	15
56-43-0026	6230436	1406271	1 17 65	93	13,465	478	295	2	17,335	3.5	613	1-68	40	856	35
56-43-0026	6230437	1406271	1 14 65	58	13,410	475	293	2	16,020	3.4	549	4-68	40	727	29
56-43-0026	6131811	1355784	7 27 64	113	13,225	462	293	2	15,535	3.5	547	8-67	39	782	19
56-43-0026	6174729	1271810	11 7 64	73	12,510	439	285	1	16,280	3.5	570	6-67	36	663	17
56-43-0026	6102662	1408654	2 3 64	83	13,635	470	299	2	18,450	3.4	633	8-67	31	670	22
56-43-0026	6519102	1355784	12 26 65	66	12,220	424	305	1	15,690	3.4	533	2-68	35	814	19
56-43-0026	6543617	1271810	12 23 65	84	13,110	457	305	1	16,870	3.5	597	1-68	36	667	18
56-43-0026	6400398	1341149	9 15 65	98	13,200	465	305	1	18,820	3.5	663	10-67	35	681	15
56-43-0026	6400389	1271810	7 16 65	89	12,670	447	305	1	18,160	3.5	637	8-67	36	792	22
56-43-0026	6308082	1406271	4 15 65	48	13,780	486	305	1	15,960	3.5	562	4-67	35	672	29
56-46-0022	6285794	1406271	3 1 65	32	14,690	491	305	1	18,440	3.5	640	9-67	35	797	35
56-46-0022	6285790	1271810	12 13 64	24	13,980	468	305	1	20,270	3.1	629	8-67	36	861	20
56-46-0022	6375633	1406271	8 29 65	23	15,320	511	289	1	17,000	3.8	650	11-67	35	646	34
56-46-0022	6375631	1406271	7 13 65	23	15,320	511	305	1	19,610	3.7	729	11-67	35	843	40
56-46-0022	5538930	1271810	9 6 61	20	13,450	449	305	4	16,075	3.3	538	9-67	44	667	18
56-46-0022	6062156	1271810	3 23 64	16	13,280	443	298	2	16,090	3.3	530	6-67	40	648	16
56-46-0031	6036671	1406271	12 19 63	17	14,230	496	305	2	19,730	3.7	738	4-68	40	1030	46
56-46-0031	5696724	1271810	9 8 62	19	14,063	511	305	3	16,996	3.4	576	2-68	42	696	15
57-06-0005	6519542	1330987	11 17 65	21	13,200	506	286	1	16,480	3.6	587	12-67	36	591	25
57-16-0008	6305369	1222994	10 11 64	24	13,880	486	305	1	18,710	3.5	646	8-67	36	727	25
57-16-0008	6320987	1222994	11 6 64	24	13,880	485	292	1	18,930	3.5	659	9-67	36	743	26
57-16-0008	6173424	1222994	9 13 64	24	13,880	486	305	1	17,250	3.4	593	8-67	36	618	21
57-17-0505	6160016	1199324	10 15 64	59	13,990	498	305	1	17,150	3.4	583	8-67	36	826	25
57-17-0505	5354472	1199324	6 12 61	53	13,216	449	305	5	14,542	3.2	461	9-67	44	682	17
57-17-0505	5354474	1199324	6 19 61	23	15,172	501	302	4	18,295	3.2	588	2-67	44	927	27
57-21-0506	5989512	1271810	7 22 63	53	15,195	568	305	2	19,275	3.5	682	8-67	40	796	20
57-25-0014	5977670	1271810	11 25 63	94	16,810	493	305	1	19,800	3.1	620	7-67	36	637	17
57-25-0014	6494905	1406271	1 4 66	43	17,760	546	305	1	20,360	3.2	650	1-68	35	721	31
57-25-0014	6494906	1406271	1 8 66	43	17,760	546	305	1	19,760	3.0	594	1-68	35	675	27
57-26-0003	5508418	1352305	9 28 61	14	13,332	492	302	4	17,832	3.4	607	6-67	36	749	23
57-26-0003	5484091	1373793	8 29 61	44	14,272	526	305	4	18,845	3.9	730	12-67	35	821	38

TABLE 5.—HIGH-RANKING PROGENY OF DHIA SIRE: HOLSTEIN—Continued

COW'S LAST HERD CODE	COW'S REGISTRATION NO.	COW'S SIRE REGISTRATION NO.	COW'S BIRTH DATE (Mo.) (Day) (Yr.)	HERDMATES			AVERAGE PRODUCTION OF COW				LAST CALVING (Mo.) (Yr.)	REPEAT- ABILITY (Pct.)	COW INDEX	
				NUM- BER	MILK (Lb.)	FAT (Lb.)	IN MILK (Days)	REC- ORDS	MILK (Lb.)	FAT (Pct.)			MILK	FAT
57-26-0003	5231699	1352305	11 13 60	22	13,050	476	289	5	16,626	3.7	608	37	634	26
57-27-0001	5965401	1357113	10 1 63	49	14,360	524	305	2	20,655	3.6	751	30	736	28
57-27-0001	5765447	1288118	9 29 62	66	14,140	526	292	3	19,716	3.4	661	9-67	780	18
57-39-0501	5745638	1373793	9 18 62	33	14,140	517	305	3	18,796	3.8	716	7-67	789	36
57-39-0501	5484086	1373793	8 8 61	33	14,112	517	305	4	20,782	3.7	762	6-67	1118	44
57-47-0011	5946124	1415156	10 25 63	7	13,063	433	301	3	18,770	3.1	583	1-68	801	21
57-53-0508	5895735	1406271	10 16 63	11	13,056	495	301	3	18,060	3.5	636	12-67	1037	38
57-53-0513	6478633	1406271	5 23 65	18	15,660	601	305	1	19,440	3.4	658	8-67	807	28
57-53-0518	6024550	1199324	1 5 64	12	14,540	536	305	2	17,505	4.0	707	8-67	863	35
57-53-0518	6651552	1261857	9 24 65	8	14,630	525	297	1	25,550	3.1	804	11-67	1176	40
57-53-0520	5616539	1313339	7 30 61	5	16,095	608	305	4	20,422	3.6	742	8-67	770	24
57-59-0001	6120644	1437899	4 11 64	101	12,840	455	293	2	17,270	3.5	599	6-67	619	20
57-61-0026	5464890	1065220	7 14 61	7	14,612	512	300	4	19,585	3.4	666	7-67	738	22
57-73-0002	6070174	1329588	2 28 64	28	15,020	526	305	2	19,445	3.5	680	11-67	711	22
57-73-0019	5943919	1355784	11 30 63	10	12,443	443	300	3	15,946	3.2	511	12-67	923	17
57-74-0501	5922671	1271810	12 4 63	64	13,730	462	305	2	17,510	3.2	560	8-67	751	17
57-74-0501	6053170	1113350	1 20 64	58	13,900	479	305	1	22,090	3.3	730	7-67	649	19
57-74-0501	6205732	1445899	9 18 64	39	14,465	489	305	2	17,650	3.2	572	3-68	635	16
57-74-0501	6205733	1445899	9 22 64	44	14,375	488	305	2	17,565	3.5	620	12-67	635	22
57-74-0501	5739480	1232246	11 20 59	65	13,760	463	305	2	19,095	3.5	661	9-67	590	15
57-83-0506	5826668	1352991	1 16 63	30	14,280	535	288	2	15,645	3.5	549	10-67	736	16
57-93-0004	6114690	1294703	2 26 64	12	15,130	557	302	2	17,060	3.7	639	4-67	623	18
57-93-0004	4579156	1113350	1 8 58	11	13,510	487	303	7	20,321	3.4	691	8-67	908	27
58-03-9029	6005515	1271810	12 22 63	11	13,825	438	305	2	17,140	3.1	529	2-68	705	16
58-04-0034	6808897	1415806	6 2 65	10	13,660	461	305	1	18,260	3.3	600	8-67	605	18
58-08-0010	6369721	1452029	8 27 64	21	11,490	383	305	1	15,800	3.1	492	9-67	654	16
58-08-0041	6379735	1406271	10 14 65	12	14,930	527	305	1	20,200	3.0	613	1-68	901	30
58-09-0022	6809972	1436894	11 17 64	151	16,620	564	305	1	21,910	3.2	697	11-67	625	18
58-09-0022	6656694	1239242	11 18 65	149	16,650	565	292	1	25,310	3.1	779	11-67	976	27
61-01-0023	5763917	1283917	7 22 62	11	12,946	436	298	3	17,063	3.2	542	9-67	768	12
61-01-0040	5460312	1199324	12 9 61	21	10,550	362	279	3	12,580	3.3	414	4-67	733	21
61-01-0043	6132113	1308101	8 9 64	9	12,780	418	305	1	14,910	3.2	482	3-68	669	20
61-02-0032	6156834	260599C	12 21 61	13	15,763	554	249	3	19,403	3.5	678	6-67	714	16
61-02-0032	6229088	1243697	10 25 64	25	16,670	643	305	2	23,310	3.4	781	11-67	626	16
61-02-0032	6313932	1405607	3 7 65	17	15,620	557	305	1	20,660	3.3	685	7-67	655	17
61-03-0001	6390169	1308101	8 8 65	8	14,290	508	305	1	16,590	3.6	599	12-67	693	23
61-03-0008	6389369	1390206	7 22 65	17	16,880	622	305	1	22,390	3.5	789	11-67	693	23
61-03-0008	6389377	1308101	9 25 65	25	16,690	597	304	1	21,260	3.4	733	1-68	885	27
61-03-0008	6001982	1199324	11 24 63	13	14,635	521	305	2	17,815	3.1	550	7-67	886	21
61-03-0008	6058557	1199324	3 30 64	22	15,595	570	305	2	17,570	3.7	652	10-67	773	26
61-06-0013	6035873	1199324	7 3 62	9	11,763	435	305	3	16,466	3.7	608	7-67	1054	36
61-06-0013	6585559	1308101	10 11 64	11	12,105	469	305	2	15,265	4.1	633	11-67	879	34
61-06-0013	6846507	1308101	9 9 65	6	12,700	461	305	1	16,640	3.4	563	1-68	807	23
61-06-0013	6846508	1308101	9 25 65	8	11,080	422	305	1	13,620	3.7	507	11-67	779	24
61-06-0013	6846509	1308101	9 28 65	11	11,190	425	305	1	13,680	3.8	518	10-67	776	25

61-06-0013	6846510	1308101	10	4	65	11	11,190	425	305	1	14,050	4.1	576	10-67	35	804	29
61-06-0013	6864314	1308101	10	1	65	8	11,080	422	305	1	12,730	3.6	457	11-67	35	711	20
61-06-0013	6846506	1308101	8	27	65	11	11,190	425	305	1	12,440	3.4	418	10-67	35	681	18
61-06-0025	6456927	1417208	1	17	66	14	14,900	521	305	1	19,650	3.2	630	3-68	35	744	24
61-06-0025	5981899	1308101	1	1	64	7	13,783	467	303	3	19,303	3.1	603	4-68	41	1109	30
61-06-0025	6385235	1308101	3	5	64	12	14,760	493	282	2	15,985	3.5	559	1-68	39	619	22
61-06-0032	6297207	1308101	1	1	65	7	15,910	550	305	1	19,240	3.3	636	7-67	34	815	24
61-06-0032	6520078	1308101	9	20	65	9	15,010	549	305	1	20,540	3.6	734	10-67	35	1037	33
61-07-0009	6411353	1308101	10	12	65	10	14,130	504	305	1	17,210	3.3	560	3-68	35	752	20
61-07-0009	6143344	1308101	10	5	64	7	13,810	502	305	2	17,900	3.8	679	11-67	39	993	36
61-08-0007	6105134	1392774	4	14	64	24	13,430	466	302	2	17,825	3.4	604	8-67	40	596	21
61-08-0010	6399760	1406271	11	22	65	7	16,660	637	305	1	19,900	4.1	816	3-68	35	761	37
61-08-0077	6292389	1308101	7	6	64	8	14,640	534	305	1	15,670	3.6	564	4-67	34	628	19
61-09-0006	6300045	1308101	10	6	64	23	13,065	465	258	2	13,335	3.5	469	12-67	39	590	17
61-09-0006	6317082	1308101	9	30	64	23	13,220	465	305	2	17,995	3.3	595	1-68	39	970	28
61-09-0006	6171378	1308101	10	27	64	21	12,820	457	305	2	14,995	3.5	524	10-67	39	784	24
61-09-0006	6599914	1450692	11	7	65	20	11,920	434	305	1	17,080	3.7	634	11-67	25	778	31
61-09-0016	6377471	1450692	7	18	65	17	15,870	554	305	1	22,890	3.5	795	11-67	25	976	36
61-09-0016	6575305	1308101	3	10	66	9	18,160	589	305	1	21,240	3.3	709	4-68	35	782	26
61-09-0016	6063690	1416224	3	13	64	14	17,573	584	305	3	21,480	3.3	711	2-68	41	679	20
61-09-0016	6063687	1308101	5	2	64	13	15,760	543	305	2	17,835	3.1	552	7-67	38	746	17
61-09-0030	6382183	1406271	7	1	64	16	12,545	436	283	2	13,925	3.4	474	9-67	40	606	25
61-09-0034	6553360	1308101	11	4	64	12	13,725	464	305	2	16,175	3.1	496	1-68	39	735	18
61-10-0002	6232184	1308101	9	9	64	7	14,730	505	305	1	16,110	3.5	565	7-67	34	656	22
61-10-0004	6628504	1308101	11	1	64	5	10,660	386	305	1	19,780	3.8	752	6-67	34	1220	44
61-10-0015	6187946	1308101	7	11	64	6	13,970	456	303	2	15,340	3.1	481	3-68	39	625	17
61-10-0015	6187948	1308101	10	23	64	7	13,070	433	305	1	16,190	3.1	504	9-67	35	838	23
61-10-0015	6265812	1308101	11	3	64	7	14,170	466	290	1	16,080	3.4	548	12-67	35	662	22
61-10-0015	5982121	1308101	12	18	63	8	13,670	455	305	2	14,515	3.6	529	11-67	39	656	25
61-10-0035	6424098	1308101	9	25	65	12	13,580	467	305	1	18,450	3.1	575	10-67	35	976	26
61-10-0039	6407257	1308101	10	25	65	6	13,530	457	295	1	14,530	3.3	479	2-68	35	588	17
61-11-0007	6406101	1308101	11	17	64	7	12,220	450	294	1	13,670	4.0	545	10-67	35	704	25
61-12-0004	5401661	1368793	6	12	61	54	14,645	540	305	4	21,012	3.4	723	11-67	37	1170	36
61-12-0004	5939573	1368793	8	19	63	45	14,900	547	305	2	19,655	3.7	726	10-67	33	858	31
61-12-0004	6068234	1368793	3	8	64	46	15,300	560	296	2	18,125	3.6	644	10-67	33	642	21
61-12-0004	6171930	1368793	8	1	64	38	15,005	552	302	2	21,890	3.5	775	11-67	33	1101	36
61-12-0004	5576345	1368793	2	15	62	46	14,377	530	301	4	17,300	3.5	612	9-67	37	693	22
61-12-0006	5576341	1368793	1	19	62	21	13,932	517	297	4	18,162	3.7	668	1-68	37	867	31
61-12-0006	5675832	1368793	9	14	62	20	14,146	526	301	3	20,106	3.3	668	2-68	36	1065	29
61-12-0006	6171948	1431612	5	30	64	25	14,915	557	305	2	20,490	4.2	865	2-68	30	721	45
61-12-0007	6417476	1368793	7	30	65	47	16,090	595	305	1	19,520	3.7	726	12-67	28	635	23
61-12-0007	6318722	1368793	3	24	65	35	15,730	583	305	1	18,810	3.6	674	10-67	28	603	20
61-12-0008	6319579	1358564	3	14	65	30	11,100	420	305	1	20,010	3.2	632	10-67	24	829	20
61-12-0008	6319582	1358564	4	11	65	33	11,270	423	305	1	17,680	3.3	587	9-67	24	607	15
61-13-0001	6277482	1308101	12	15	64	23	12,470	424	305	1	12,410	3.4	421	9-67	35	591	18

TABLE 5.—HIGH-RANKING PROGENY OF DHIA Sires: HOLSTEIN—Continued

COW'S LAST HERD CODE	COW'S REGISTRATION NO.	COW'S SIRE REGISTRATION NO.	COW'S BIRTH DATE (Mo.) (Day) (Yr.)	HERDMATES			AVERAGE PRODUCTION OF COW			LAST CALVING		REPEAT- ABILITY (Pct.)	COW INDEX	
				NUM- BER	MILK (Lb.)	FAT (Lb.)	IN MILK (Days)	REC- ORDS	MILK (Lb.)	FAT (Pct.)	(Mo.) (Yr.)	CAR	MILK	FAT
61-13-0001	6574638	1308101	12 25 65	22	12,740	429	305	1	14,820	3.2	474	11-67	756	21
61-14-0015	6400326	1404272	8 16 65	77	13,700	489	305	1	17,310	3.4	589	12-67	582	15
61-14-0015	6400328	1404272	8 20 65	77	13,700	489	283	1	19,180	3.3	641	12-67	751	23
61-14-0015	6400327	1404272	8 19 65	77	13,700	489	305	1	17,400	3.9	678	12-67	590	23
61-14-0015	5504545	1325241	1 3 61	58	12,790	451	305	3	15,013	3.7	554	2-68	604	22
61-14-0015	6320636	1404272	2 20 65	63	13,800	472	305	1	18,840	3.4	640	5-67	742	21
61-14-0015	6320637	1404272	2 28 65	74	13,300	453	305	1	20,710	3.1	642	7-67	952	23
61-14-0015	6320638	1404272	3 5 65	74	13,300	453	305	1	20,090	3.0	611	7-67	896	20
61-14-0015	6223033	1404272	1 6 65	63	13,800	472	265	1	20,330	3.0	601	5-67	877	17
61-14-0015	5796342	1404272	6 14 62	65	12,435	426	305	2	16,875	3.3	550	7-67	786	20
61-17-0009	6143345	1308101	10 8 64	6	13,500	491	248	2	18,290	3.6	659	8-67	1006	33
61-18-0029	6288355	1308101	1 15 65	24	13,380	494	305	1	20,640	3.5	726	9-67	1157	36
61-18-0029	6288356	1308101	4 22 65	23	12,840	474	305	1	16,170	3.7	604	10-67	853	28
61-18-0029	6288354	1308101	11 13 64	23	12,865	458	305	2	15,400	3.6	551	12-67	822	27
61-18-0039	6285874	1308101	10 7 64	49	13,810	498	305	2	14,985	3.4	508	12-67	604	16
61-18-0039	6217098	1308101	9 4 64	45	13,490	497	299	2	14,170	3.7	527	9-67	637	21
61-19-0001	6356497	1308101	7 22 65	13	15,510	562	305	1	16,030	3.8	608	8-67	595	21
61-19-0001	6356496	1308101	7 19 65	18	16,010	581	305	1	17,320	3.5	610	7-67	660	20
61-19-0001	6356501	1450692	8 11 65	21	15,580	564	305	1	19,410	3.9	766	7-67	693	32
61-19-0015	6363162	1308101	11 6 64	7	12,820	473	305	1	17,940	3.8	688	7-67	929	33
61-19-0015	6316357	1308101	8 25 64	23	14,065	505	305	2	16,380	3.7	605	10-67	812	28
61-19-0015	6316355	1308101	8 10 64	8	13,310	471	305	1	14,900	3.8	561	5-67	661	24
61-19-0015	6316356	1308101	8 18 64	21	13,400	487	305	1	18,970	3.5	672	9-67	1028	32
61-19-0015	6316359	1308101	2 7 65	21	13,400	487	305	1	17,090	3.4	582	9-67	884	26
61-19-0015	6316358	1308101	10 14 64	6	12,510	465	305	1	15,970	3.6	582	8-67	799	26
61-20-0002	6268689	1308101	2 10 65	5	14,050	450	305	1	17,130	3.3	557	8-67	781	25
61-20-0002	6211714	1308101	8 7 64	8	15,315	545	305	2	18,850	3.4	642	1-68	863	25
61-21-0004	6282284	1308101	12 4 64	6	15,030	512	305	1	15,470	3.6	555	7-67	586	20
61-21-0004	6047072	1308101	1 31 64	7	14,170	498	305	2	17,125	3.3	568	8-67	821	23
61-21-0018	6217793	1308101	8 30 64	11	15,740	529	295	2	17,615	3.4	593	8-67	725	23
61-21-0018	6217794	1308101	9 14 64	9	15,590	524	305	2	21,210	3.2	689	8-67	1114	33
61-24-0020	5860087	1340669	11 10 62	16	14,623	547	302	3	21,083	3.5	734	7-67	1018	22
61-24-0049	6282061	1308101	12 14 64	12	18,180	665	305	1	18,830	3.5	655	8-67	626	17
61-24-0067	6010564	1294703	11 25 63	45	15,375	548	305	2	18,030	3.6	646	2-67	700	24
61-25-0014	6624601	1308101	1 27 65	18	12,060	426	305	1	14,980	3.5	523	6-67	754	24
61-25-0034	6113130	1308101	7 12 64	5	15,735	483	286	2	17,125	3.0	510	1-68	733	20
61-26-0011	6295881	1287023	10 13 63	8	13,633	504	301	3	19,493	3.4	654	10-67	607	19
61-26-0022	6355294	1308101	10 13 64	28	14,320	503	305	1	15,260	3.4	523	10-67	681	20
61-26-0022	6375035	1308101	8 31 64	28	14,320	503	291	1	14,470	3.5	510	10-67	621	19
61-26-0022	5330881	1312981	10 23 60	10	13,252	484	305	4	19,722	3.6	705	1-68	815	28
61-26-0022	6434768	1308101	12 21 64	28	14,320	503	305	1	14,570	3.5	509	10-67	628	19
61-26-0034	6592795	1308101	8 29 64	5	12,560	439	305	1	13,700	3.9	538	3-68	591	23
61-27-0021	6414871	1308101	9 20 65	15	16,100	572	280	1	17,170	3.4	577	9-67	705	19
61-27-0021	6476367	1414327	8 7 65	16	17,880	635	305	1	23,460	3.6	838	12-67	586	22
61-27-0021	5923830	1199324	4 3 63	16	15,955	544	282	2	17,010	3.2	550	10-67	684	18

61-27-0029	6473453	1308101	9 22 65	11	12,430	442	295	1	12,890	3.3	431	9-67	35	630	18
61-27-0029	6204394	1308101	8 14 64	9	12,000	422	293	2	13,015	3.5	457	7-67	38	596	19
61-27-0029	6204395	1308101	8 23 64	11	13,215	482	305	2	14,285	3.4	488	1-68	39	587	15
61-28-0003	6218127	1308101	7 19 64	19	13,850	476	285	1	14,110	3.8	531	5-67	35	625	22
61-28-0003	6218128	1308101	10 16 64	38	13,045	464	305	2	16,900	3.3	558	12-67	39	961	27
61-28-0027	5932952	260599C	10 23 63	8	14,095	475	305	2	18,505	3.4	622	8-67	40	728	16
61-28-0041	5905112	1406271	10 2 63	17	12,385	446	303	2	14,010	3.4	472	5-67	40	629	24
61-28-0041	5373219	1305495	4 13 61	13	12,880	446	305	4	19,005	3.6	690	7-67	35	1004	40
61-28-0041	5853468	1283917	7 17 63	19	12,716	439	302	3	16,820	3.2	534	9-67	42	764	11
61-28-0042	6085661	1416224	1 1 64	6	12,420	439	305	1	17,880	3.4	601	7-67	33	629	17
61-28-0046	5891694	1352979	7 2 63	19	12,070	445	304	3	17,683	3.2	570	10-67	42	913	19
61-28-0046	5656221	1352979	10 8 62	32	14,163	518	274	3	17,253	3.8	660	6-67	42	644	22
61-28-0046	5362035	1352979	2 6 61	31	12,825	455	305	2	18,585	3.7	682	7-67	40	866	27
61-29-0027	6186167	1308101	12 2 64	7	12,370	437	305	1	13,580	3.5	470	5-67	34	624	19
61-29-0027	6186168	1308101	12 18 64	12	11,460	401	301	1	14,920	3.4	504	8-67	34	791	24
61-30-0003	6244811	1294703	10 15 64	36	13,795	495	305	2	15,985	3.5	557	11-67	40	636	16
61-30-0003	5825247	1199324	2 9 63	44	13,646	493	304	3	14,556	3.5	509	9-67	42	640	19
61-30-0003	6298491	1308101	10 21 64	19	13,500	494	284	1	16,520	3.8	622	7-67	34	772	27
61-30-0006	6045205	1308101	2 27 64	32	13,630	526	305	1	19,620	3.1	609	9-67	35	1062	25
61-30-0008	6235354	1411741	6 25 64	29	16,650	580	291	2	23,995	3.1	734	2-68	30	1184	29
61-30-0009	6206543	1294703	1 14 65	12	10,810	391	305	2	13,535	3.6	482	12-67	40	660	18
61-30-0017	6226436	1329588	11 26 64	55	13,035	478	296	2	18,775	3.4	630	2-68	40	825	22
61-30-0025	5656269	1430145	9 18 65	51	11,870	458	305	1	19,620	4.0	791	9-67	26	995	41
61-30-0026	5722596	1271810	9 28 62	21	14,602	528	258	4	18,965	3.1	586	10-67	44	896	15
61-30-0026	6397810	1113350	10 20 62	16	16,530	577	305	4	22,270	3.2	723	12-67	44	776	20
61-30-0026	6397808	1237277	8 1 65	11	15,540	521	305	1	25,750	3.5	890	2-68	28	1130	46
61-30-0026	6198686	1308101	7 20 64	11	16,160	587	305	1	24,880	3.4	841	8-67	35	700	22
61-30-0026	6198688	1308101	7 23 64	8	16,725	588	305	2	23,940	3.3	799	10-66	34	630	21
61-30-0026	6198689	1308101	12 22 64	8	15,510	535	305	1	22,250	3.2	720	11-67	39	1346	40
61-31-0030	6133571	1308101	9 12 64	10	13,160	484	305	1	18,180	3.6	647	8-67	34	1074	31
61-31-0030	6503728	1308101	2 3 65	8	13,880	482	305	1	18,590	3.7	684	10-67	35	984	31
61-34-0002	5758266	1416224	2 27 63	32	13,786	470	299	3	17,653	3.4	609	7-67	34	906	32
61-34-0013	6241043	1416224	12 14 64	8	14,400	508	302	1	19,690	3.3	641	4-68	41	629	20
61-38-0001	6685133	1308101	11 21 65	23	13,560	484	282	1	17,330	3.1	543	8-67	33	632	15
61-38-0001	6685132	1308101	10 3 65	11	13,740	510	305	1	17,660	3.5	615	11-67	35	892	23
61-38-0001	6685131	1308101	9 20 65	23	13,560	484	305	1	16,850	3.2	542	12-67	35	905	27
61-38-0001	6685130	1308101	9 19 65	24	14,270	485	305	1	20,840	3.4	707	11-67	35	855	23
61-38-0001	6685129	1308101	8 21 65	23	13,560	484	305	1	22,140	3.3	734	7-67	34	1052	34
61-38-0001	6762679	1308101	9 9 65	23	13,560	484	305	1	17,880	3.5	627	11-67	35	1260	37
61-38-0001	6762683	1308101	11 4 65	31	13,770	484	305	1	17,990	3.5	632	10-67	35	934	29
61-38-0001	6762682	1308101	10 12 65	23	13,560	484	305	1	18,420	3.2	597	11-67	35	928	30
61-38-0001	6420609	1308101	1 25 64	23	13,840	476	305	2	15,820	3.7	584	7-67	38	716	27
61-38-0001	6420610	1308101	11 20 64	21	14,110	481	305	1	15,270	3.2	494	9-67	34	634	18
61-38-0002	6239476	1308101	8 13 64	9	12,620	432	303	2	16,200	3.4	546	8-67	38	870	27

TABLE 5.—HIGH-RANKING PROGENY OF DHIA SIRES: HOLSTEIN—Continued

COW'S LAST HERD CODE	COW'S REGISTRATION NO.	COW'S SIRE REGISTRATION NO.	COW'S BIRTH DATE (Mo.) (Day) (Yr.)	HERDMATES			AVERAGE PRODUCTION OF COW			LAST CALVING		REPEAT- ABILITY (Pct.)		COW INDEX	
				NUM- BER	MILK (Lb.)	FAT (Lb.)	IN MILK (Days)	REC- ORDS	MILK (Lb.)	FAT (Pct.)	FAT (Lb.)	(Mo.) (Yr.)	CAR	MILK	FAT
61-38-0011	6438886	1308101	5 18 65	9	14,210	485	302	1	17,630	3.4	594	7-67		809	25
61-40-0017	5949433	1276654	10 31 63	13	14,400	510	237	2	19,660	3.3	656	5-67		695	19
61-45-0002	6141993	1308101	10 17 64	11	13,660	472	290	1	13,650	3.2	434	2-67		603	16
61-45-0009	6283527	1308101	7 23 64	9	12,840	397	305	1	14,660	3.5	520	6-67		675	26
61-48-0002	6222028	1308101	12 19 64	24	14,725	487	305	2	18,730	3.2	598	3-68		906	26
61-52-0505	6459765	1308101	10 23 65	14	13,080	444	305	1	14,890	3.6	541	1-68		646	23
61-52-0505	6498847	1308101	12 11 65	14	13,080	444	305	1	14,210	3.3	474	1-68		594	18
61-54-0008	6311849	1308101	2 2 65	9	13,000	424	305	1	16,070	3.3	523	10-67		834	25
61-59-0001	6276235	1308101	1 2 65	11	14,490	531	305	1	18,210	3.4	622	10-67		895	26
61-60-0046	6259454	1308101	9 21 64	24	15,970	574	305	2	20,945	3.3	689	11-67		1107	30
61-60-0046	6199641	1308101	9 21 64	17	17,060	616	305	1	17,550	3.3	584	12-66		605	16
61-60-0046	6199642	1308101	11 19 64	23	14,750	565	305	1	15,860	3.5	562	7-67		635	17
61-60-0084	6199644	1308101	1 3 65	17	15,100	538	305	1	16,340	3.1	509	8-67		648	15
61-60-0084	6259455	1308101	2 7 65	17	15,100	538	305	1	16,940	3.5	594	8-67		694	22
61-60-0084	5482079	1199324	8 16 61	22	14,796	538	296	5	18,372	3.4	630	12-67		993	29
61-60-0084	6595329	1308101	9 22 65	19	15,000	535	305	1	19,260	3.0	579	7-67		879	21
61-60-0084	5598042	1199324	2 22 62	23	14,847	533	297	4	20,837	3.2	657	7-67		1278	32
61-63-0002	5462645	1199324	12 18 61	16	12,942	461	305	4	14,890	3.5	519	7-67		755	23
61-76-0027	6205322	1308101	7 29 64	5	11,290	403	305	1	18,260	3.3	606	12-67		1028	31
61-79-0004	6374536	1308101	5 10 65	5	8,460	292	305	1	12,640	3.3	415	8-67		823	25
61-99-0001	5489617	1237277	1 19 62	16	16,992	585	304	4	26,512	3.3	865	9-67		1208	34
61-99-0001	6430090	1450692	11 6 65	28	18,170	607	305	1	21,730	3.2	705	9-67		692	24
61-99-0001	5784563	1312981	10 9 62	21	17,525	595	304	4	21,860	3.5	767	11-67		602	23
63-01-0032	6195389	260599C	11 15 64	7	11,060	406	305	1	15,640	4.0	623	6-67		617	17
63-03-0003	5947629	1392232	12 6 63	14	14,675	527	305	2	20,325	3.5	719	5-67		725	28
63-03-1011	5154438	1293401	4 18 60	28	13,428	511	304	5	18,072	3.8	693	11-67		741	25
63-03-0014	6250611	1283917	1 1 65	12	13,290	482	299	1	19,400	3.5	679	2-68		787	15
63-03-0022	6427292	1273756	9 9 65	56	16,640	594	305	1	22,340	3.8	838	11-67		837	38
63-03-0022	6427298	1273756	10 19 65	58	15,940	562	305	1	18,460	3.4	620	9-67		595	24
63-03-0022	6427296	1273756	10 2 65	56	16,640	594	305	1	20,660	3.4	704	11-67		712	28
63-03-0022	6427287	1273756	8 13 65	43	15,950	566	305	1	19,980	3.4	681	8-67		707	28
63-03-0022	6427290	1273756	8 30 65	56	16,640	594	305	1	24,000	3.4	813	11-67		961	36
63-03-0022	6427299	1273756	10 26 65	68	16,430	583	305	1	22,490	3.5	791	10-67	H	862	35
63-03-0022	6427289	1273756	8 15 65	68	16,430	583	305	1	19,750	3.6	708	10-67		658	29
63-03-0022	6461433	1273756	8 19 65	58	15,940	562	305	1	20,540	3.6	732	9-67		758	32
63-03-0022	5045471	1185327	7 18 59	43	15,140	522	294	5	20,110	3.2	645	9-67		691	19
63-05-0010	4833225	1013415	12 10 58	29	11,811	422	300	6	16,178	3.3	541	12-67		616	15
63-06-1134	5580282	1199324	1 1 62	14	13,686	495	232	3	15,173	3.4	523	9-67		707	20
63-07-0006	5557558	1199324	3 14 62	11	11,395	413	303	4	13,537	3.4	457	7-67		760	21
63-07-0006	6235825	1308101	1 10 65	8	12,810	443	305	1	14,710	3.4	504	4-67		681	21
63-08-0032	5661799	1199324	10 22 62	13	12,020	448	292	3	13,043	3.6	473	9-67		634	19
63-08-0045	6036850	1199324	2 6 64	9	11,675	415	303	2	12,455	3.5	431	6-67		612	18
63-09-0007	6246560	1303900	8 18 64	50	14,700	520	305	1	16,240	3.5	560	11-66		666	15
63-09-0007	6246563	1303900	9 4 64	50	14,700	520	305	1	17,400	3.2	563	11-66		771	15
63-09-0007	6246558	1303900	8 14 64	33	15,495	539	305	2	19,825	3.2	634	3-68		768	13

63-09-0007	5513791	1352290	9 12 61	51	13,972	499	298	4	17,710	3.5	619	11-67	35	669	19
63-09-0007	6364223	1273756	2 4 65	30	12,820	480	305	1	15,940	3.7	582	7-67	36	616	26
63-09-0007	6364220	1303900	1 10 65	21	12,720	471	305	1	15,080	3.6	546	7-67	31	717	17
63-13-0014	5841768	1199324	3 4 62	22	12,795	472	301	4	14,725	3.7	545	10-67	44	751	25
63-13-0016	6235117	1399737	1 31 65	21	12,880	471	305	1	16,700	3.5	583	7-67	25	601	16
63-13-0032	6218141	1406271	10 12 64	6	12,440	450	305	1	17,290	3.7	646	6-67	35	864	38
63-15-0005	6271899	1303900	1 24 65	11	13,890	512	305	1	16,820	3.4	577	8-67	31	700	17
63-17-0008	6207654	1308101	10 17 64	10	13,530	501	305	1	16,850	3.6	600	8-67	34	796	25
63-22-0006	6126498	1271810	9 13 64	12	16,060	583	305	2	21,255	3.4	732	2-68	40	918	23
63-23-0033	6119810	1199324	12 29 63	13	14,480	508	305	1	15,150	3.5	535	10-67	36	644	21
63-25-0001	5930165	1199324	8 22 63	20	12,205	416	292	2	13,415	3.5	467	10-67	40	661	22
63-26-0020	5981966	1199324	3 5 63	6	11,200	397	279	3	16,003	3.2	511	9-67	42	1059	29
63-32-0002	4977175	1140737	8 10 59	21	13,756	480	300	6	18,910	3.1	595	7-67	38	1030	23
63-32-0035	6318870	1303900	9 2 64	7	11,120	394	305	1	13,140	4.0	524	9-67	31	676	21
63-37-0011	6339163	1303900	5 23 65	14	14,140	473	305	1	18,490	4.3	792	7-67	31	888	37
63-37-0011	5981967	1199324	8 11 63	11	12,965	446	305	2	13,485	3.4	456	8-67	40	599	18
63-37-0011	6117905	1199324	2 29 64	11	12,965	446	299	2	13,575	3.2	437	8-67	40	608	17
63-37-0011	5801210	1352991	12 12 62	12	14,800	518	295	3	21,750	3.2	692	7-67	37	1447	36
63-40-1101	6304727	1424686	2 2 65	9	13,740	488	305	1	18,910	3.4	652	2-68	25	599	18
63-40-1101	6570243	1438758	2 23 66	10	14,220	503	305	1	17,580	3.5	615	3-68	33	697	15
63-51-1304	6526951	1406271	6 20 65	7	12,660	457	305	1	14,810	3.4	504	12-67	35	648	26
64-01-0114	5948703	1406271	12 19 63	12	13,350	448	305	2	18,370	3.2	591	1-68	40	972	35
64-01-0114	6026644	1271810	3 2 64	18	13,650	465	305	2	21,300	3.4	715	8-67	40	1143	32
64-01-0126	5867068	1271810	7 8 63	18	14,760	475	305	1	18,730	3.2	599	6-67	36	694	17
64-08-0115	1718096C	233528C	12 20 61	41	11,490	408	305	1	19,050	3.4	643	9-67	35	615	16
64-08-0115	6348039	1406271	2 21 65	37	11,420	406	284	1	13,630	3.7	502	9-67	35	657	30
64-13-0102	5560146	1331709	9 9 63	18	14,650	514	300	2	18,740	3.2	605	11-67	38	819	16
64-25-0101	6363900	1331709	12 1 61	19	13,750	486	298	5	21,132	3.1	657	11-67	42	1340	29
64-30-0105	5773202	1271810	9 25 63	8	13,086	438	287	3	17,586	3.0	519	2-68	42	865	16
64-53-0101	6421650	1386406	9 3 62	16	13,455	475	304	4	15,750	3.7	579	2-68	43	617	26
64-70-0105	6199317	1271810	2 27 65	40	12,660	457	305	1	19,250	3.5	680	7-67	36	874	24
64-99-0101	6143493	1244009	9 25 64	17	13,205	466	305	2	16,500	3.3	545	10-67	40	696	15
64-99-0101	4931647	1060259	4 21 64	26	16,535	642	305	2	20,685	3.9	801	12-67	40	856	27
64-99-0101	6245173	1388567	8 23 59	11	14,273	509	303	6	19,073	3.3	634	4-67	44	981	25
65-02-0075	5464007	1199324	12 27 64	8	11,665	396	305	2	19,800	3.3	652	3-68	30	1121	38
65-03-0331	6213272	1329588	8 5 61	20	15,205	534	303	4	21,087	3.5	737	7-67	44	1269	42
65-13-0008	5771009	1199324	2 5 65	7	10,540	396	305	1	17,580	3.0	526	7-67	36	766	16
65-13-0008	5836662	1309943	7 29 61	22	10,573	376	305	3	12,993	3.1	398	2-67	42	778	18
65-52-0048	6194089	1416897	4 30 63	10	14,990	514	305	2	18,895	3.2	601	9-67	32	656	16
65-52-0048	5442082	1309943	9 7 64	19	15,130	491	305	1	20,260	3.3	674	9-67	33	591	19
65-52-0048	6583892	1331709	3 26 61	14	14,692	528	294	4	21,950	3.1	670	9-67	36	1209	26
65-53-0001	6180057	1303900	10 26 65	54	11,940	402	304	1	15,710	3.3	520	10-67	33	683	15
71-02-0051	5789603	1271810	9 8 64	43	12,010	404	305	2	16,310	3.1	507	8-67	36	782	14
71-02-0056	6371366	1406271	12 5 62	8	12,875	439	283	4	15,577	3.3	508	11-67	44	669	15
			11 11 63	8	16,035	615	304	2	19,445	3.7	714	9-67	40	848	33

TABLE 5.—HIGH-RANKING PROGENY OF DHIA SIRE: HOLSTEIN—Continued

COW'S LAST HERD CODE	COW'S REGISTRATION NO.	COW'S SIRE REGISTRATION NO.	COW'S BIRTH DATE (Mo.) (Day) (Yr.)	HERDMATES			AVERAGE PRODUCTION OF COW				LAST CALVING		REPEAT- ABILITY (Pct.)	COW INDEX	
				NUM- BER	MILK (Lb.)	FAT (Lb.)	IN MILK (Days)	REC- ORDS	MILK (Lb.)	FAT (Pct.)	(No.) (Yr.)	CAR		MILK	FAT
71-02-0061	6279274	1406271	1 17 65	11	15,400	547	305	1	23,790	3.3	6-67		35	1153	43
71-02-0061	5674298	1355784	9 9 62	11	13,833	491	262	3	16,716	3.3	9-67	8	41	867	17
71-02-0061	6025383	1271810	1 26 64	13	14,095	505	305	2	21,875	3.7	9-67		40	1161	38
71-02-0071	6493508	1355784	12 31 64	16	16,970	581	257	1	19,000	3.3	1-68		35	741	16
71-02-0104	5913791	1388721	9 3 63	13	15,325	532	305	2	19,170	3.5	4-68		32	614	23
71-10-9001	6033772	1294703	2 26 64	13	19,080	626	297	2	22,270	3.1	8-67	8	40	792	18
71-10-9001	6551426	1330987	12 27 65	5	20,420	697	305	1	23,990	3.1	4-68		36	634	22
71-10-9001	6444890	1330987	8 23 65	11	18,190	585	300	1	22,600	3.6	8-67		36	713	36
71-10-9001	6444888	1330987	8 9 65	11	18,190	585	305	1	22,990	3.4	8-67		36	742	35
71-10-9001	5765714	1113350	8 3 62	9	18,280	592	305	3	23,323	3.1	9-67		42	666	17
71-19-0023	6486466	1406271	10 20 65	20	15,300	543	304	1	17,220	3.6	10-67		35	651	29
71-19-0023	6486467	1406271	1 1 66	10	15,030	544	290	1	18,740	3.3	1-68		35	797	30
71-19-0023	6522875	1406271	10 7 65	13	15,100	538	281	1	18,320	3.7	11-67		35	761	34
71-19-0023	6302251	1210507	12 6 64	13	14,330	502	292	1	18,760	3.4	8-67		35	836	16
71-19-0023	6307119	1355784	4 22 65	9	14,020	498	294	1	15,450	3.5	8-67		35	695	15
71-19-0034	6204590	1421265	8 20 64	8	12,805	453	292	2	19,825	3.3	8-67		28	795	24
71-19-0035	6445329	1406271	10 17 65	6	14,490	504	281	1	16,050	3.7	10-67		35	631	30
71-47-0010	6114851	1355784	5 26 64	18	10,690	355	301	1	14,260	3.4	7-67		35	833	19
71-80-9003	5486851	1355784	11 28 61	26	12,893	446	296	3	16,583	3.2	5-67		41	950	20
71-80-9003	5637074	1355784	4 30 62	25	12,930	447	295	3	16,756	3.1	6-67		41	966	19
72-17-0003	6549852	1273756	10 11 65	16	14,520	482	305	1	19,740	3.1	12-67		36	785	29
72-31-6101	5727879	1183303	9 18 62	37	11,740	388	305	1	17,360	3.2	8-67		33	693	18
72-34-0126	5922757	1352290	10 27 63	29	13,836	488	292	3	19,773	3.5	12-67		34	926	30
72-42-0116	6115898	1292880	3 10 64	8	11,300	371	297	3	18,466	3.3	2-68		42	725	28
72-49-0103	5899393	1183303	9 19 63	13	13,710	461	296	2	18,930	3.1	11-67		38	805	18
72-49-0103	6054927	1406271	1 20 64	34	12,025	416	305	2	13,975	3.5	8-67		40	659	29
72-53-0014	6371787	1279868	4 22 65	60	15,440	471	305	1	19,570	3.5	2-68		33	608	28
73-04-0022	5923704	1240549	10 19 63	5	13,030	485	305	2	18,140	3.7	10-66		40	584	22
73-04-0027	6100314	1301864	2 18 64	13	14,315	485	305	2	18,360	3.7	8-67		36	601	31
73-04-0027	6431342	1386406	5 27 64	16	14,065	500	284	2	16,575	3.4	11-67	8	40	614	21
73-09-9004	6440308	1331709	9 16 65	26	14,140	540	277	1	23,530	3.4	9-67		33	1138	27
73-09-9004	5452814	1154946	7 21 61	22	14,945	540	283	4	19,942	3.3	10-67		44	827	20
73-09-9004	5371504	1284868	8 2 60	17	15,300	560	304	6	22,800	3.6	1-68		39	946	35
73-16-0005	6337389	1359920	2 12 65	22	15,840	510	292	2	21,715	3.4	1-68		30	753	30
73-23-0006	5836938	1283917	2 6 63	16	12,053	432	303	3	17,703	3.3	7-67		42	934	17
73-23-9008	5759210	1310625	10 23 62	25	13,636	479	305	3	19,900	3.3	1-68		35	1133	35
73-23-9008	5603567	1309949	11 17 60	23	13,286	473	305	3	21,010	3.8	7-67		34	1125	45
73-23-9008	6794186	1309949	1 1 66	17	14,100	513	305	1	22,930	3.6	10-67		26	900	31
73-23-9008	6089171	1310625	3 4 63	28	13,166	471	295	3	16,680	3.6	9-67		35	769	28
73-24-9001	6162935	1434575	6 25 64	25	13,770	482	305	2	20,155	3.0	11-67		28	808	16
73-24-9006	6512053	1329588	8 28 65	13	15,660	585	305	1	21,080	4.0	1-68		36	683	27
73-24-0010	6295559	1438285	11 24 64	12	13,400	467	294	1	15,800	3.4	3-67		25	631	20
73-25-0001	5489543	1357485	3 24 61	25	11,930	407	305	4	20,207	3.1	2-68		33	1279	32
73-26-0010	6835015	2748350	1 2 63	11	14,705	535	305	2	19,675	3.4	2-68		29	709	19
73-26-0024	6275732	2335280	1 17 64	37	13,865	506	305	2	20,310	3.3	8-67		40	716	15

73-26-0025	6163732	1383926	7 26 64	23	13,360	470	305	2	16,490	3.6	588	4-68	39	605	28
73-26-0035	6087851	1199324	11 19 63	5	14,625	506	305	2	15,385	3.6	556	4-67	40	640	23
73-26-0035	6087852	1199324	12 7 63	6	14,675	530	302	2	21,490	3.2	650	10-67	40	1255	34
73-26-0044	6067973	1406271	5 10 64	14	14,780	498	297	2	18,015	3.3	599	10-67	40	818	32
73-37-9003	5914363	1404814	10 28 63	7	17,750	615	305	2	22,390	3.2	726	7-67	30	916	30
73-37-9003	5333338	1304781	10 25 60	14	17,774	616	305	5	21,840	3.2	708	4-68	38	679	19
73-37-9003	5467490	1345354	11 13 61	16	16,315	582	305	4	20,437	3.7	760	8-67	42	658	32
73-37-9003	6489964	1283917	10 6 65	26	18,240	704	305	1	23,590	3.5	835	2-68	36	767	12
73-37-0021	5505132	1329476	9 1 61	9	12,137	448	305	4	16,217	3.4	549	12-67	37	662	15
73-41-0028	6480046	1244009	8 20 64	8	12,880	461	305	1	16,660	3.5	578	7-67	36	708	18
73-41-0029	5551829	1330649	8 6 61	24	13,100	454	305	4	20,937	3.2	671	11-67	37	1279	33
73-45-0016	6442971	1330987	9 20 65	20	11,100	365	305	1	14,450	3.1	453	9-67	36	581	24
73-45-9020	5880824	1283518	7 31 63	9	12,650	431	281	2	15,295	3.3	508	1-68	32	636	18
73-45-0033	6138455	1435095	10 10 64	15	14,200	465	305	1	18,580	3.4	633	4-67	29	610	27
73-45-0034	6337438	1410733	2 15 65	21	13,500	446	305	1	17,190	3.1	532	9-67	30	632	15
73-55-0016	6381255	1283917	6 19 65	32	13,120	445	305	1	18,770	3.0	569	9-67	36	751	9
73-55-0016	6043960	1430476	11 2 63	28	13,436	462	290	3	18,166	3.2	576	11-67	34	695	15
73-57-9002	6367202	1199324	6 18 64	25	13,060	463	305	1	16,030	3.4	551	8-67	36	805	25
73-57-9003	5921432	1341521	11 7 63	17	16,625	608	305	2	20,970	3.4	718	7-67	30	672	18
73-57-9003	5635996	1341521	8 8 62	12	15,875	568	299	4	19,067	3.5	674	12-67	35	601	20
73-57-9003	5211302	1341521	8 20 60	15	16,333	570	305	3	20,843	3.9	815	8-67	33	753	38
73-60-0010	5804849	1240549	10 9 62	10	14,705	464	305	2	20,315	3.1	621	4-67	40	652	19
73-60-0034	6539060	1386406	11 27 65	10	12,370	429	304	1	17,690	3.5	626	11-67	35	770	30
73-61-9001	6167740	1429384	8 10 64	41	15,305	540	305	2	19,425	3.4	659	12-67	29	613	18
73-70-9015	5494470	1367353	1 1 62	9	14,820	539	305	4	19,907	3.5	694	3-68	35	941	33
73-70-9015	6298815	1367353	2 6 65	6	15,090	562	305	1	20,410	3.3	675	11-67	26	714	23
73-70-9022	5710213	1234506	12 30 62	22	15,300	555	305	1	21,230	3.0	645	8-67	35	897	12
73-76-9008	6577723	1418163	12 25 63	27	14,345	522	305	2	18,415	3.5	649	8-67	39	672	26
74-01-0033	4379841	1179076	2 2 66	30	18,530	690	305	1	24,320	3.5	860	3-68	25	711	20
74-03-0129	6506933	1298372	1 15 57	40	14,551	480	287	6	18,310	3.3	613	4-68	37	644	21
74-03-0129	5870812	1362818	12 16 65	29	15,100	528	305	1	19,900	3.5	698	3-68	34	738	23
74-04-0125	6380307	1306247	7 16 63	63	14,525	555	301	2	18,680	4.1	773	11-67	31	615	30
74-04-0125	6109912	1199324	9 7 65	7	11,760	419	305	1	13,140	3.3	432	3-68	35	675	19
74-10-0131	6123543	1409681	11 9 63	7	11,600	416	305	1	13,590	3.8	515	11-67	36	721	26
74-10-0131	6577867	1409681	1 31 64	17	14,190	474	305	2	20,910	3.1	658	6-67	30	1111	30
74-10-0131	6577864	1409681	10 13 64	19	14,130	472	305	2	17,940	3.2	572	10-67	30	768	20
74-10-0131	6577864	1409681	8 3 64	22	15,445	514	305	2	18,465	3.1	578	12-67	30	691	16
74-10-0131	6574675	1330987	10 23 65	20	15,030	505	305	1	18,010	3.5	624	10-67	36	583	28
74-10-0131	6574671	1409681	8 22 64	23	15,170	504	305	2	19,005	3.4	640	12-67	30	783	24
74-10-0136	6165552	1271557	8 6 64	22	14,905	503	305	2	20,380	3.0	610	11-67	39	751	7
74-10-0179	5788153	1210507	12 14 62	18	14,402	490	305	4	19,112	3.2	608	11-67	42	1039	20
74-11-0118	4615337	1087974	5 17 58	10	13,430	471	302	7	19,084	3.6	684	11-67	44	1067	40
74-12-0104	5526121	1199324	11 18 61	50	16,195	579	300	4	18,492	3.4	635	9-67	44	838	24
74-12-0104	5463827	1199324	10 15 61	50	16,092	587	291	5	21,654	3.5	756	11-67	44	1266	39
74-12-0104	5463828	1199324	10 18 61	40	16,582	603	302	4	21,295	3.5	749	3-67	44	1141	36

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TABLE 5.—HIGH-RANKING PROGENY OF DHIA SIRES: HOLSTEIN—Continued

COW'S LAST HERD CODE	COW'S REGISTRATION NO.	COW'S SIRE REGISTRATION NO.	COW'S BIRTH DATE (Mo.) (Day) (Yr.)	HERDMATES			AVERAGE PRODUCTION OF COW				LAST CALVING		REPEAT- ABILITY (Pct.)	COW INDEX	
				NUM- BER	MILK (Lb.)	FAT (Lb.)	IN MILK (Days)	REC- ORDS	MILK (Lb.)	FAT (Pct.)	(Mo.) (Yr.)	CAR		MILK	FAT
74-12-0104	5695169	1315498	10 29 62	60	15,316	544	293	3	23,346	3.5	807	8-67	42	1009	32
74-12-0104	6174357	1329588	1 2 64	88	15,035	533	305	2	18,350	3.3	612	7-67	40	599	15
74-12-0104	6138218	1386406	4 19 64	94	14,790	533	304	2	21,305	3.4	734	9-67	40	1030	35
74-12-0104	6238425	1386406	2 17 65	102	14,730	530	285	1	19,410	3.7	709	9-67	35	739	29
74-12-0104	6398798	1281628	10 25 65	90	14,590	527	305	1	20,210	3.6	731	10-67	35	582	16
74-12-0104	5955417	1373055	11 22 63	73	14,960	543	301	2	22,845	3.6	827	11-67	40	1127	33
74-12-0104	6035865	1410387	1 21 64	65	15,200	537	305	2	19,480	3.4	665	6-67	30	747	23
74-12-0104	6095700	1199324	3 11 64	54	15,495	548	305	2	16,600	3.5	588	5-67	40	684	22
74-12-0111	5894658	1282185	10 18 63	54	16,200	571	305	2	20,990	3.4	722	7-67	40	630	18
74-12-0125	6092898	1400979	4 6 64	13	14,645	517	305	2	18,760	3.3	627	2-68	30	624	18
74-12-0125	6150119	1400979	10 25 64	15	14,850	518	305	1	23,540	3.2	764	6-67	24	916	26
74-14-0122	5658218	1409681	4 17 62	29	14,257	475	296	4	16,867	3.2	547	2-68	35	678	18
74-15-0185	6509373	1409681	5 19 64	12	12,980	446	305	2	21,400	3.3	711	1-68	30	1296	39
74-15-0189	6430181	1417208	8 2 65	7	15,650	564	305	1	18,290	3.6	655	3-68	35	590	23
74-15-0190	6403171	1271810	10 22 65	8	15,740	552	305	1	20,080	3.3	670	10-67	36	729	17
74-15-0190	6221632	1271810	9 18 64	9	16,590	571	305	2	21,710	3.4	732	11-67	40	916	24
74-16-0136	6459994	1450692	8 29 65	12	15,290	550	299	1	16,830	3.4	575	9-67	28	580	20
74-18-0128	6466990	1355784	10 4 65	19	13,910	482	305	1	18,190	3.1	559	12-67	35	912	17
74-18-0128	6218847	1271810	9 25 64	33	13,265	458	305	1	15,435	3.6	555	1-68	40	583	17
74-18-0128	6245182	1398531	8 3 64	20	11,300	396	305	1	18,270	3.3	595	6-67	24	801	19
74-18-0128	6177909	1271810	9 25 64	18	12,770	435	305	2	15,410	3.4	518	4-68	40	625	15
74-18-0128	5949978	1413537	11 17 63	19	11,585	407	305	2	15,040	3.2	488	8-67	33	671	15
74-18-0151	6341080	1249430	12 21 64	7	13,060	443	305	2	19,985	3.5	690	2-68	40	841	32
74-28-0204	5935667	1364693	9 24 63	22	12,750	472	305	2	17,090	3.4	588	9-67	29	630	20
74-25-0204	5462888	1305460	10 26 61	27	13,820	510	305	2	21,490	3.5	747	12-67	40	899	23
74-31-0114	5221149	1035164	8 19 60	24	14,660	509	303	6	18,961	3.2	610	11-67	43	814	16
74-32-0145	5457373	1375143	8 31 61	7	14,350	450	305	4	20,815	3.1	646	9-67	35	901	27
74-32-0145	6184203	1375143	9 11 64	5	13,755	452	292	2	19,060	3.2	615	2-68	30	595	19
74-33-0171	6267429	1234506	10 31 64	10	15,760	544	305	1	21,980	3.1	689	11-67	35	919	16
74-35-0168	6416341	1233917	7 5 64	6	10,160	378	305	1	17,380	3.2	563	12-67	36	846	13
74-35-0174	6192794	1314767	11 2 64	10	14,220	490	305	1	21,570	3.3	717	2-68	36	795	29
74-35-0182	6519837	1282185	12 23 65	28	15,910	525	296	1	23,460	3.3	770	3-68	36	705	21
74-35-0182	4983469	1035164	8 12 59	11	15,121	519	303	6	18,028	3.5	623	5-67	43	637	16
74-36-0003	6412084	1244009	7 27 65	28	15,540	538	305	1	20,270	3.2	651	8-67	36	798	19
74-36-0003	6170949	1244009	7 22 64	19	14,945	507	305	2	18,070	3.2	582	7-67	40	736	17
74-36-0022	6075509	1312981	1 21 64	47	12,765	412	304	2	18,735	3.1	572	2-68	40	615	16
74-36-0022	5823640	1395826	1 11 63	50	12,070	406	303	3	16,463	3.4	554	2-68	36	768	22
74-36-0027	6694825	1244009	1 26 65	35	13,390	468	305	1	18,100	3.1	564	7-67	36	781	17
74-74-0005	4644620	1271557	5 26 58	59	15,038	544	305	5	18,732	3.8	718	6-67	43	656	19
74-74-0018	5498848	1360517	12 20 61	31	11,470	414	305	1	16,290	3.9	628	9-67	23	743	30
74-74-0018	5349543	1360517	6 6 61	25	12,585	447	305	2	17,680	3.4	595	8-67	29	905	28
74-74-0018	5349545	1360517	6 14 61	21	11,580	413	305	1	24,230	3.6	865	7-67	23	1453	51
81-16-9031	6435783	1283917	8 23 65	25	16,110	544	305	1	20,820	3.5	732	1-68	36	704	15
81-16-9031	5776410	1199324	2 2 62	23	15,042	536	301	4	17,680	3.1	556	9-67	44	866	19
81-16-9031	6139980	1329588	6 4 64	19	18,455	660	305	2	22,830	3.7	839	11-67	40	741	26

81-16-9031	6240887	1329588	11 17 64	28	16,590	590	305	1	21,810	3.7	815	10-67	36	675	24
81-16-9031	6344086	1329588	2 28 65	24	14,200	478	292	1	19,590	3.6	714	6-67	36	670	24
81-16-9184	5646100	1337741	9 1 62	19	15,337	530	305	4	17,690	3.2	561	1-68	43	676	18
81-16-9184	5701076	1337741	12 8 62	19	14,500	507	302	3	18,083	3.3	592	8-67	42	847	26
81-16-9184	5514001	1337741	12 7 61	12	16,032	543	304	4	21,130	3.4	717	1-68	43	1071	36
81-16-9184	5282868	1337741	1 26 61	19	14,692	513	303	5	17,226	3.4	580	8-67	44	748	24
81-16-9184	5909842	1337741	8 26 63	25	14,696	515	305	3	19,443	3.3	640	11-67	42	982	29
81-16-9184	5912383	1337741	11 14 63	26	14,710	513	305	3	18,793	3.2	608	11-67	42	904	25
81-16-9187	5296715	1190953	2 20 61	28	15,400	530	305	5	22,000	3.4	746	10-67	40	1103	41
81-16-9187	5707401	1337741	11 28 62	28	16,167	557	305	4	18,052	3.9	701	11-67	43	673	33
81-16-9187	5647645	1337741	8 24 62	19	16,443	554	305	3	19,060	3.4	640	8-67	42	757	26
81-16-9187	6222692	1295523	1 10 65	27	15,700	572	305	1	20,420	3.2	647	7-67	32	818	23
81-16-9187	6201640	1295523	11 10 64	22	15,780	563	208	2	18,155	3.6	645	3-68	37	646	23
81-16-9187	6170499	1295523	12 4 64	25	15,860	569	305	2	19,365	3.4	660	2-68	37	767	24
81-16-9187	6105888	1294703	7 10 64	36	15,660	550	305	2	18,655	3.1	581	7-67	40	737	13
81-16-9512	5920237	1330987	9 2 63	14	15,895	529	305	2	21,215	3.3	696	8-67	40	893	35
81-16-9512	6048491	1199324	5 1 63	14	14,793	495	304	3	17,320	3.2	552	10-67	42	839	23
81-16-0842	6219498	1398216	9 16 64	18	13,265	469	305	2	18,750	3.6	668	11-67	39	924	28
82-11-0218	5353491	1298266	7 2 60	15	13,783	492	305	3	19,763	3.5	684	6-67	40	652	20
82-11-0244	4663714	1010936	12 29 57	10	15,820	573	305	6	19,040	3.4	656	8-67	44	621	21
82-12-9122	6439722	1436990	11 7 65	20	15,340	567	305	1	20,910	3.2	670	3-68	23	712	16
82-12-9122	6402597	1436990	8 31 65	20	15,340	567	305	1	20,220	3.7	739	3-68	23	650	23
82-12-9122	5782481	1372552	9 26 62	13	14,983	550	305	3	21,683	3.7	798	7-67	34	920	34
82-12-9122	6358712	1436990	6 8 65	10	16,180	604	305	1	21,080	3.4	725	1-68	22	588	16
82-12-9122	6358710	1436990	5 22 65	16	15,890	590	305	1	21,860	3.3	716	12-67	22	683	17
82-12-5138	6367729	1291498	3 14 65	33	17,470	614	305	1	22,430	3.7	821	5-67	35	609	20
82-12-5138	6559784	1271075	9 16 64	33	17,735	628	305	2	21,095	3.2	677	7-67	40	841	22
82-12-5140	6326491	1437633	5 16 65	18	14,240	551	305	1	19,400	3.6	689	6-67	24	746	21
82-12-0144	5847037	1126307	4 16 63	63	16,650	596	305	3	20,690	3.3	688	3-67	41	597	17
82-12-0144	5847036	1126307	4 13 63	59	16,373	582	305	3	20,520	3.7	757	4-67	41	606	27
82-13-0149	5281137	1136127	5 12 60	9	17,210	609	305	2	21,000	3.3	699	2-68	29	597	15
82-14-0111	6127239	1329588	7 8 64	26	14,790	530	305	2	18,180	3.6	662	10-67	40	604	20
82-14-0111	6127240	1329588	7 24 64	26	15,455	553	305	2	20,110	3.5	699	11-67	40	739	22
82-15-0269	5631238	1308415	7 1 62	5	15,525	572	305	2	20,365	4.0	809	3-67	31	580	33
82-16-5141	6401733	1242221	7 5 65	12	16,630	632	305	1	15,380	3.7	570	8-67	33	585	20
82-16-5141	6401734	1242221	7 20 65	13	16,970	629	305	1	19,630	4.0	778	11-67	32	884	36
82-16-5141	6401731	1242221	5 31 65	12	16,630	632	305	1	18,800	3.5	665	8-67	32	842	27
82-17-0151	5582965	1289092	9 2 61	21	15,693	555	300	3	18,730	3.4	635	6-67	33	584	15
82-22-5010	6037554	1329588	2 7 64	20	13,780	510	305	2	18,300	3.6	659	10-67	40	709	22
82-26-0255	6192750	1407408	11 28 64	12	17,465	600	305	2	23,700	3.3	774	3-68	30	892	26
82-26-0255	6192751	1407408	11 29 64	15	18,065	621	305	2	23,365	3.3	773	12-67	30	788	23
82-26-0255	6340087	1283917	3 9 65	34	16,110	558	305	1	23,280	3.3	768	10-67	36	887	16
82-32-9141	5594575	1492073	10 2 61	9	15,497	523	305	4	19,880	3.4	682	1-68	42	621	19
82-32-9141	5594576	1492073	1 7 61	8	14,690	516	305	5	19,640	3.9	768	12-67	43	708	32
82-32-9141	5590694	2605990	1 19 62	8	14,633	502	305	3	19,130	3.3	627	11-66	42	801	16

TABLE 5.—HIGH-RANKING PROGENY OF DHIA SIRE: HOLSTEIN—Continued

COW'S LAST HERD CODE	COW'S REGISTRATION NO.	COW'S SIRE REGISTRATION NO.	COW'S BIRTH DATE (Mo.) (Day) (Yr.)	HERDMATES			AVERAGE PRODUCTION OF COW				LAST CALVING		REPEAT- ABILITY (Pct.)	COW INDEX	
				NUM- BER	MILK (Lb.)	FAT (Lb.)	IN MILK (Days)	REC- ORDS	MILK (Lb.)	FAT (Pct.)	(Mo.) (Yr.)	CAR		MILK	FAT
82-32-0157	6418319	1410935	7 12 65	14	13,750	464	305	1	21,090	3.3	697	11-67	25	595	21
82-36-5140	4834663	1240113	4 4 58	12	15,412	518	304	4	19,002	3.4	642	3-68	37	610	20
82-36-5140	6642463	1441024	4 28 65	21	15,410	506	305	1	20,110	3.2	652	11-67	22	625	18
82-36-5140	6642463	1441024	12 24 65	23	15,210	498	298	1	22,140	3.1	679	2-68	22	826	21
82-36-5140	6642465	1441024	11 19 65	27	15,260	501	297	1	19,660	3.2	620	1-68	22	596	16
82-36-5140	6770655	1441024	5 8 65	14	15,480	509	305	1	23,160	3.1	727	1-68	22	833	23
82-36-5140	6201731	1223243	4 22 64	16	14,210	478	305	1	19,000	3.3	626	7-67	35	667	21
82-36-5140	6057893	1240113	12 12 62	17	14,666	489	305	3	18,473	3.2	594	10-67	35	597	16
82-39-5119	6023003	1223243	12 14 63	25	13,095	523	298	2	16,515	3.9	644	9-67	40	626	22
82-39-0126	6277271	1223243	11 12 64	10	13,215	443	305	2	16,575	3.1	506	4-68	40	621	15
82-39-0132	5352385	1223243	11 24 60	25	12,458	468	296	5	15,784	3.7	581	10-67	44	680	23
82-39-5165	6401732	1242221	6 14 65	24	15,680	537	305	1	15,010	3.5	522	6-67	32	608	23
82-39-5165	6434110	1242221	3 25 65	25	15,610	532	305	1	16,540	3.8	636	7-67	32	735	31
82-39-5165	6516516	1242221	4 1 65	27	15,380	521	305	1	17,900	3.3	587	8-67	32	860	28
82-39-5165	5943879	1282185	7 19 63	18	15,873	564	305	3	19,936	3.6	721	12-67	42	606	21
82-39-5165	5943880	1288610	10 4 63	22	15,830	562	303	3	21,220	3.4	719	10-67	42	821	20
82-39-5165	6198527	1330987	3 14 64	24	14,935	524	305	2	17,290	3.4	589	9-67	40	582	24
82-39-5165	6168140	1330987	7 5 64	26	14,935	524	303	2	17,790	4.0	717	9-67	40	606	37
82-39-5165	5714531	1199324	4 1 62	13	15,365	563	303	4	17,302	3.8	656	5-67	44	783	29
82-40-0164	5975275	1199324	5 4 63	6	15,963	581	301	3	18,200	3.8	693	12-67	42	819	31
82-40-0164	6027945	1199324	6 17 63	7	15,643	572	301	3	19,206	3.5	677	9-67	42	968	30
82-41-0021	5599842	1383562	4 21 62	42	13,910	490	305	3	17,973	3.8	674	9-67	33	676	28
82-48-5121	6056775	1271075	1 12 64	10	15,650	616	305	2	18,805	4.5	842	5-67	40	799	40
82-48-5121	6387243	1222994	3 19 65	15	15,370	621	305	1	18,300	3.8	699	6-67	36	597	20
82-51-0125	6115669	1383562	8 31 64	18	14,150	468	295	2	19,080	3.3	625	3-68	30	727	23
82-51-0125	6115674	1183964	5 27 64	20	14,760	488	300	1	20,120	3.8	759	4-67	36	593	19
82-52-0119	6267802	1322863	5 13 64	20	14,305	523	285	2	20,595	3.0	622	8-67	36	851	16
82-52-0173	6346975	1271075	11 30 64	5	15,920	567	305	1	17,590	3.3	589	3-67	35	629	19
82-52-0203	5929500	1351112	11 16 63	25	15,785	545	305	2	20,255	3.6	734	6-67	31	680	27
82-52-0203	5596957	1351112	1 16 62	23	15,180	528	300	4	19,582	3.3	638	6-67	35	765	20
82-52-0203	5535095	1351112	1 18 62	20	15,484	546	300	5	18,812	3.5	656	3-68	36	635	21
82-58-0137	4515809	1010936	1 26 58	6	15,545	496	304	8	18,512	3.4	628	3-68	44	585	27
82-66-0040	5981250	1307195	9 3 63	28	14,100	540	305	2	17,860	3.6	638	5-67	40	596	20
83-10-9148	6113067	1223243	3 24 64	8	13,740	471	305	2	19,465	3.4	659	10-67	40	867	28
83-13-9100	5096506	1340972	1 30 60	14	14,940	512	305	5	19,498	3.6	701	7-67	36	646	28
84-03-0053	6344278	1222994	7 31 65	9	14,300	501	302	1	19,250	3.7	704	8-67	36	739	28
84-03-0053	6321335	1222994	6 9 65	17	14,510	502	305	1	22,650	3.7	829	5-67	36	978	37
84-03-9144	6096650	1392106	7 20 64	24	16,610	592	305	2	28,715	3.1	892	1-68	38	1364	32
84-03-9307	5579292	1336832	12 10 61	41	16,350	601	256	5	20,680	3.8	789	1-68	40	802	39
84-03-9307	5650662	1323005	1 15 62	48	15,237	572	305	4	19,415	3.4	665	3-68	35	1026	28
84-03-9480	5905951	1402594	6 28 63	6	15,613	537	305	3	19,576	3.4	670	11-67	35	671	21
84-03-9480	5186124	1323005	8 9 60	9	15,765	555	305	2	23,110	3.2	748	1-68	30	1330	37
84-03-9482	5991162	1320839	11 12 63	11	14,356	512	305	3	21,950	3.5	758	3-67	33	1050	36
84-04-0006	5833254	1336832	1 19 63	24	13,970	477	305	2	17,790	3.4	603	6-67	35	601	26
84-04-5010	5636671	1315498	9 1 62	14	14,587	503	305	4	19,582	3.3	640	1-68	44	694	18

84-04-9010	5636669	1382866	7 15 62	13	15,005	513	301	4	18,675	3.4	636	1-68	34	639	19
84-04-9025	6291511	1438285	6 17 64	14	13,790	458	289	2	19,550	3.4	666	11-67	30	1069	37
84-04-9035	5537640	1382866	1 30 62	20	15,340	488	301	5	20,088	3.1	617	1-68	35	829	21
84-06-9007	5104984	1113350	2 5 60	14	16,316	558	304	5	21,300	3.7	785	6-67	44	708	31
84-06-9007	6008321	1113350	12 13 63	31	15,980	560	305	1	23,820	3.5	834	9-67	36	638	22
84-06-9007	6198633	1323005	8 1 64	32	17,120	591	305	1	19,140	3.7	716	10-67	24	675	27
84-06-9012	6144346	1381747	10 4 64	35	16,080	575	305	2	21,080	3.3	692	11-67	30	757	21
84-06-9012	5982833	1244009	10 24 63	42	16,295	579	305	2	20,365	3.2	657	11-67	40	845	18
84-06-9012	6417662	1406271	10 25 65	29	17,340	624	305	1	21,440	3.7	783	12-67	35	844	36
84-06-90139	5993480	1283917	7 16 63	6	14,050	455	305	1	21,490	3.0	634	2-68	36	892	13
84-06-9208	5017703	1276178	12 7 59	19	14,643	511	305	3	20,100	3.5	695	11-67	35	580	21
84-06-9208	5618752	1323005	5 13 62	16	14,267	520	305	4	19,707	3.2	626	10-67	35	1193	29
84-07-9068	5925788	1417390	11 17 63	48	14,170	513	217	2	19,425	3.7	711	7-67	30	743	30
84-07-9068	6241434	1406271	2 18 65	55	14,780	546	305	1	17,100	3.6	611	5-67	35	690	29
84-07-9068	6393234	1450228	9 20 65	15	16,560	596	305	1	23,410	3.5	821	1-68	24	909	30
84-07-0075	6248468	1222994	1 14 65	20	15,890	553	305	1	19,330	3.6	688	5-67	36	638	23
84-07-0075	6027986	1417390	1 3 64	26	17,480	599	294	2	23,580	3.5	820	2-68	32	879	35
84-07-0075	6443917	1357743	5 14 65	33	16,690	594	305	1	22,800	3.7	851	11-67	34	625	22
84-07-0075	6561595	1283917	2 14 66	24	18,470	631	305	1	24,990	3.0	761	3-68	36	856	11
84-07-9077	6245953	1406271	2 3 65	9	15,060	517	305	1	20,460	3.1	641	7-67	35	925	33
84-08-9004	5110304	1150470	10 19 59	19	16,940	594	305	5	22,830	3.2	732	3-67	44	779	17
84-08-9004	5113774	1323005	6 11 60	21	16,680	573	305	4	19,362	3.7	725	2-68	35	832	36
84-11-9034	5834144	1266592	1 15 63	9	15,036	542	305	3	19,040	3.8	714	7-67	33	594	25
84-11-9038	6207372	1438285	12 1 64	10	16,500	605	305	1	19,280	3.5	680	4-67	25	692	21
84-30-9001	6250553	1438285	11 26 64	17	18,205	619	291	2	25,555	3.0	775	4-68	31	1220	29
84-30-9001	6250554	1406271	12 7 64	19	17,705	601	305	2	25,345	3.2	801	4-68	40	1284	43
84-30-9001	6109825	1438285	6 27 64	41	15,245	547	305	2	17,835	3.9	694	11-67	30	714	31
84-30-9001	5637696	1315498	7 1 62	21	16,750	576	305	4	20,757	3.6	745	4-68	44	598	23
84-30-0023	6077182	1412106	3 15 64	31	16,275	585	213	2	20,750	3.4	708	2-68	29	615	20
85-01-9001	5429523	1010936	9 10 61	15	14,880	516	304	4	20,327	3.4	690	1-68	44	868	32
85-01-9002	6554492	1410126	7 5 64	25	15,870	488	305	2	19,630	3.1	609	4-68	29	692	20
85-01-9002	6535812	2507350	8 26 64	95	15,635	506	305	2	24,155	3.2	785	10-67	39	986	41
85-01-9002	6307192	1410126	9 8 64	65	14,985	499	298	2	19,140	3.4	657	9-67	29	749	26
85-01-9002	6307185	1410126	6 6 64	80	15,965	507	305	2	23,550	3.0	713	12-67	29	1156	31
85-02-9015	5508059	1239242	12 21 61	30	14,873	516	301	3	20,293	3.5	710	3-68	42	917	32
85-02-9015	5915988	1239242	6 16 63	23	14,235	497	305	2	17,765	3.4	608	4-68	40	654	21
85-02-9015	5746909	1239242	7 8 62	31	14,930	522	297	4	19,940	3.4	682	1-68	44	907	29
85-03-0002	5778855	1190799	2 11 63	74	15,350	526	305	3	19,070	3.3	634	8-67	34	821	21
85-06-9001	5617331	1190799	8 23 61	34	13,910	492	305	3	19,153	3.5	665	12-67	34	1002	29
85-06-9001	5617335	1190799	7 5 62	65	14,015	482	305	2	18,465	3.1	564	8-67	32	841	16
85-06-9001	5615983	1190799	8 15 61	26	14,053	489	305	3	18,783	3.2	608	4-68	34	937	22
85-06-9001	5907966	1417720	3 8 63	59	13,460	469	305	2	15,575	3.4	523	8-67	34	622	16
85-06-9001	6318406	1417720	1 29 65	63	13,770	470	305	1	18,270	3.2	592	6-67	29	790	20
85-07-9014	6429703	1405171	9 24 65	54	14,910	513	305	1	20,840	3.4	705	8-67	23	662	24
85-07-9014	6235614	1405171	12 4 64	22	14,675	493	305	2	19,110	3.5	674	4-68	29	653	28

TABLE 5.—HIGH-RANKING PROGENY OF DHIA SIRES: HOLSTEIN—Continued

COW'S LAST HERD CODE	COW'S REGISTRATION NO.	COW'S SIRE REGISTRATION NO.	COW'S BIRTH DATE (Mo.) (Day) (Yr.)	HERDMATES			AVERAGE PRODUCTION OF COW					LAST CALVING		REPEAT- ABILITY (P_{CL})		COW INDEX	
				NUM- BER	MILK (Lb.)	FAT (Lb.)	IN MILK (Days)	REC- ORDS	MILK (Lb.)	FAT (Pct.)	FAT (Lb.)	(Mo.) (Yr.)	CAR			MILK	FAT
85-32-9005	6129799	1239242	4 21 63	56	14,485	481	305	2	17,600	3.3	573	8-67		40		614	19
85-32-9005	6426973	1385036	8 1 65	25	15,740	516	305	1	21,390	3.3	715	3-68		35		777	20
85-32-9005	6582079	1397209	2 18 65	63	14,120	465	305	1	15,720	3.4	527	10-67		35		615	19
85-32-9005	6327207	1397209	3 20 65	91	16,010	502	305	1	19,070	3.3	620	7-67		34		702	22
85-32-9005	6340795	1306247	2 26 65	93	16,040	504	305	1	15,990	3.4	539	7-67		33		740	25
85-32-9005	6355722	1371594	3 26 65	93	16,130	506	305	1	23,710	3.0	721	6-67		27		906	31
85-32-9005	6367011	1344345	9 1 65	64	14,040	462	305	1	22,470	3.0	667	10-67		35		934	16
85-32-9005	5940390	1399951	11 12 63	54	15,670	513	288	2	19,650	3.3	644	5-67		30		598	22
85-32-9006	4313675	1060259	11 21 56	15	16,175	536	305	2	20,760	3.3	675	10-67		40		870	24
86-01-9022	5916249	1261493	1 11 63	67	16,610	572	305	3	21,783	3.5	770	8-67		32		843	32
86-01-9022	6039313	1387676	12 16 62	54	16,730	591	297	3	21,603	3.4	727	7-67		32		744	18
86-01-9022	6065329	1330987	10 7 63	83	17,460	578	304	2	20,795	3.6	757	10-67		40		707	36
86-01-9022	6165541	1419618	2 20 64	69	17,735	581	305	2	24,055	3.3	784	1-68		28		886	28
86-01-9022	5567821	1261493	8 14 60	63	16,815	568	305	2	22,290	3.0	671	9-67		29		802	17
86-01-9022	5757557	1387676	11 19 62	69	16,626	574	305	3	21,610	3.6	785	8-67		32		757	28
86-01-9022	5843847	1345230	10 10 61	80	17,206	577	305	3	21,213	3.0	646	11-67		32		663	15
86-01-9022	5843845	1345230	9 28 61	66	17,012	577	305	4	20,272	3.4	689	11-67		34		592	22
86-01-9022	6780911	1345230	5 4 65	24	16,650	535	305	1	23,280	3.1	722	4-68		24		705	22
86-01-9022	6780912	1345230	6 20 65	24	16,650	535	305	1	22,300	3.3	729	4-68		24		618	23
86-01-9030	5848061	1230610	12 13 62	126	12,445	436	166	2	18,175	3.7	665	1-67	B	31		619	27
86-01-9030	5881741	1386405	2 12 63	133	12,265	432	305	2	17,545	3.9	676	12-66		29		734	33
86-01-9078	5208391	1200082	10 10 60	27	13,515	496	304	2	20,560	3.4	705	11-66		40		605	15
86-01-9078	5379534	1339436	1 1 60	26	13,653	497	305	3	19,583	3.5	688	8-67		33		908	28
86-01-9078	6332955	1244009	3 13 65	29	14,070	497	305	1	17,500	3.5	605	10-67		36		691	18
86-01-9127	5414729	1309948	10 6 61	30	15,352	570	305	4	19,262	3.9	753	8-67		42		783	32
86-01-9127	5656654	1378638	10 10 62	59	15,126	531	291	3	19,976	3.3	668	12-67		41		737	14
86-01-9153	6450550	1390570	12 10 65	138	17,450	585	305	1	24,310	3.8	925	2-68		23		792	36
86-01-9153	6462618	1390570	9 13 65	168	17,090	570	305	1	21,720	3.2	699	11-67		23		587	17
86-01-9153	6395905	1390570	6 27 65	169	16,440	547	305	1	21,080	3.6	749	9-67		23		582	23
86-01-9153	6281736	1420657	12 21 64	116	17,265	575	291	2	22,985	3.3	748	2-68		29		811	24
86-01-9153	6046890	1355052	10 9 63	153	17,045	576	298	2	22,490	3.0	685	12-67		29		788	17
86-01-9153	5905893	1355052	8 25 63	135	17,185	575	302	2	21,205	3.4	723	2-68		29		619	21
86-01-9323	6044272	1405612	1 24 64	78	14,360	517	305	2	19,925	3.0	596	8-67		29		854	15
86-01-0481	6038820	260599C	1 17 64	5	12,490	467	299	1	18,780	3.5	659	8-67		35		757	15
86-01-0481	6629286	1386406	11 6 64	7	12,930	462	305	1	15,750	3.9	610	9-67		35		585	26
86-02-9008	5741036	1396303	2 22 63	34	15,336	562	305	3	21,236	3.5	736	7-67		32		869	28
86-02-9008	5717090	1396303	1 23 63	32	15,256	560	303	3	19,310	3.6	697	6-67		32		616	23
86-02-9008	5612412	1396303	8 1 62	34	14,997	552	305	4	19,322	3.7	721	10-67		33		689	29
86-02-9008	5867958	1389471	7 29 63	38	15,205	567	305	2	20,035	3.5	710	7-67		40		753	19
86-02-0019	5383811	1236721	3 17 61	39	12,840	401	305	2	15,260	3.6	542	8-67		32		639	30
86-02-9027	4616595	1117035	6 9 58	37	15,332	516	305	7	22,724	3.7	832	2-68		40		880	41
86-02-9027	5891259	1396885	1 4 63	50	14,886	492	305	3	23,343	3.3	764	12-67		36		1349	44
87-01-0994	6206535	1244009	12 3 64	46	14,680	517	305	1	19,590	3.4	669	8-67		36		805	21
87-02-0455	6188243	1357743	5 9 64	38	13,195	451	305	2	19,345	3.2	618	12-67		38		762	18
87-02-0744	6544969	1244009	6 12 64	9	14,390	558	305	2	17,900	3.8	684	9-67		40		769	23

87-02-0744	6381324	1223243	3	5	65	9	14,990	549	305	1	19,770	3.3	662	12-67	35	672	19
87-02-0955	6130261	1408465	5	10	64	7	14,170	493	305	2	19,170	3.4	659	9-67	30	616	20
87-03-9017	6142966	1338531	8	29	63	16	16,790	577	293	3	21,513	3.1	670	2-68	32	755	15
87-03-9017	5484668	1338531	5	24	61	11	15,632	568	297	4	21,505	3.4	736	11-67	33	949	26
87-03-9071	5945174	1199324	10	8	62	8	15,355	550	286	4	19,047	3.4	648	9-67	44	1000	29
87-03-0172	5887920	1199324	10	27	62	15	14,140	537	301	3	17,916	3.5	631	7-67	42	975	28
87-03-9223	5807050	1239242	11	17	62	58	15,895	553	300	4	19,320	3.3	632	1-68	44	723	20
87-03-9223	5807053	1239242	2	1	63	49	13,950	500	305	3	17,080	3.7	629	8-67	42	643	25
87-03-9223	5807052	1239242	12	27	62	51	13,980	500	305	3	17,830	3.6	639	9-67	42	726	26
87-03-9223	5714710	1239242	9	11	62	54	14,390	520	305	1	20,130	3.7	736	9-67	36	742	27
87-03-9223	5945249	1242221	12	1	63	57	15,340	550	305	2	15,975	3.9	618	7-67	36	690	29
87-03-9223	6513512	1242221	1	1	66	57	16,300	567	305	1	19,090	3.7	714	2-68	33	901	35
87-03-9223	6507657	1242221	7	9	65	53	14,660	531	305	1	14,290	3.8	550	9-67	32	624	25
87-03-9223	4849218	1239242	12	5	58	50	14,610	512	305	7	17,657	3.7	646	2-68	44	674	27
87-03-9223	6213159	1242221	3	11	64	55	14,645	529	305	2	17,985	3.9	697	7-67	36	973	40
87-03-9223	6213161	1242221	7	15	64	61	16,120	565	305	2	17,545	3.7	646	2-68	37	792	31
87-03-9223	6213158	1242221	2	4	64	51	14,860	534	305	2	15,865	3.2	508	8-67	36	725	19
87-03-9223	6387163	1242221	5	14	65	52	14,870	551	305	1	19,090	3.7	698	6-67	32	992	35
87-03-9223	6387162	1242221	5	2	65	50	15,200	557	305	1	17,000	3.4	582	5-67	32	801	25
87-03-9223	6387182	1441819	3	16	65	60	15,700	556	305	1	22,420	3.6	803	12-67	22	708	26
87-03-9223	6273500	1242221	9	26	64	53	15,705	554	305	2	22,665	3.2	719	12-67	36	1374	40
87-03-0261	6661813	1417208	6	24	66	7	16,410	566	305	1	19,710	3.8	743	1-68	35	646	29
87-03-0261	6661812	1398216	4	13	66	5	16,490	556	278	1	20,290	3.3	677	4-68	35	657	18
87-03-0287	6258434	1416897	11	23	65	18	15,870	567	305	1	23,050	3.5	799	7-67	32	705	23
87-03-9316	5760918	1199324	12	10	62	32	15,340	570	305	3	19,290	4.0	763	7-67	42	1009	40
87-03-9316	6456939	1357743	2	1	66	16	14,240	560	305	1	20,920	3.6	749	4-68	35	609	16
87-03-9560	5629546	1223243	7	3	62	7	14,540	545	305	1	27,400	3.9	1067	10-67	35	1279	50
87-03-0595	5571717	1199324	3	26	62	9	11,090	564	289	4	12,127	3.4	415	11-67	44	619	19
87-03-9625	4780716	1223243	9	28	58	16	16,173	585	304	6	19,416	3.3	635	10-67	44	718	19
87-03-9625	6273204	1223243	11	1	64	21	15,300	543	305	1	19,260	3.3	626	8-67	35	613	17
87-03-0794	6454705	1444032	12	17	65	22	14,810	546	298	1	21,270	3.9	838	11-67	23	755	37
87-03-0794	6454704	1444032	12	15	65	7	13,540	468	255	1	18,410	3.7	681	3-68	23	600	29
87-03-0794	5672645	1283917	9	3	62	18	15,330	550	303	4	19,615	3.4	666	12-67	44	845	15
87-03-0848	4836433	1297420	10	8	58	12	14,450	501	299	6	19,856	3.3	658	3-68	44	718	17
87-03-0848	5486282	1199324	11	22	61	15	14,715	515	304	4	17,477	3.9	686	5-67	44	877	38
87-06-9060	5956540	1242221	11	15	63	9	16,115	607	302	2	17,400	4.0	693	11-67	36	768	32
87-18-0886	6059284	1223243	2	19	64	14	15,320	519	294	2	20,110	3.6	717	10-67	40	788	30
87-18-0886	6147596	1223243	7	3	64	18	15,195	532	291	2	18,625	3.6	674	12-67	40	648	24
87-18-9927	5280135	1294703	11	4	60	11	15,034	512	305	5	19,144	3.3	631	9-67	44	938	25
87-20-0455	5444668	1223243	11	13	61	15	14,240	518	305	4	19,197	3.6	693	8-67	43	891	31
87-20-0455	5790266	1223243	10	2	62	21	13,816	492	305	3	17,460	3.5	619	8-67	42	699	24
87-22-0726	5254739	1223243	9	26	60	10	15,396	544	305	5	22,500	3.6	815	7-67	44	1212	45
87-22-0726	6157270	1223243	8	27	63	10	15,936	564	305	3	19,273	3.4	662	4-68	42	688	21
87-22-0726	6142275	1223243	4	11	63	11	15,990	565	303	3	20,153	3.3	665	1-68	42	785	22
87-25-9076	6202497	1417720	3	21	64	93	15,100	510	305	2	20,300	3.2	658	7-67	34	984	26

TABLE 5.—HIGH-RANKING PROGENY OF DHIA Sires: HOLSTEIN—Continued

COW'S LAST HERD CODE	COW'S REGISTRATION NO.	COW'S SIRE REGISTRATION NO.	COW'S BIRTH DATE (Mo.) (Day) (Yr.)	HERDMATES			AVERAGE PRODUCTION OF COW				LAST CALVING		REPEAT- ABILITY (Pct.)	COW INDEX	
				NUM- BER	MILK (Lb.)	FAT (Lb.)	IN MILK (Days)	REC. ORDS	MILK (Lb.)	FAT (Pct.)	(Mo.) (Yr.)	CAR		MILK	FAT
87-25-9076	6195062	1417720	5 22 64	89	15,065	510	293	2	17,160	3.4	7-67		34	638	18
87-25-9076	4558455	1060259	10 18 57	85	15,241	540	303	8	17,978	3.4	9-67		44	728	19
87-25-9076	4558451	1010936	7 23 57	72	15,534	544	302	7	19,902	3.6	8-67		44	766	32
87-25-9076	5872078	1417720	3 22 63	89	14,963	520	305	3	22,253	3.2	6-67		37	1311	35
87-25-9076	6056340	1417720	1 14 64	95	15,165	514	305	2	20,415	3.1	9-67		34	990	24
87-25-9076	6083441	1417720	2 23 64	105	15,565	525	305	2	18,580	3.1	2-68		34	746	15
87-25-9076	6332523	1417720	1 27 65	94	14,830	497	305	1	17,460	3.2	8-67		29	643	15
87-25-9076	6332522	1417720	12 10 64	95	15,000	501	305	1	19,540	3.2	9-67		29	803	21
87-25-9084	6345581	1449393	2 9 65	13	12,830	468	305	1	18,140	3.6	9-67		24	647	23
87-25-9084	5546753	1386841	12 2 61	16	14,012	491	305	4	22,175	3.2	1-68		38	1445	36
87-25-9084	6512823	1292829	10 18 65	14	13,620	476	305	1	19,020	3.5	12-67		35	615	22
87-25-9084	6510696	1417720	7 10 65	27	14,530	490	305	1	19,290	3.1	8-67		29	818	20
87-25-9128	6264120	1382939	8 2 64	20	15,070	501	305	1	23,800	3.4	6-67		29	656	21
87-25-9128	6233294	1417720	12 20 63	15	16,060	542	294	2	18,650	3.4	11-67		34	704	20
87-25-9305	6376303	1222994	4 23 65	19	13,730	482	305	1	17,610	3.0	7-67		36	655	16
87-25-9305	5934326	1271075	12 3 63	18	15,055	526	303	2	16,590	3.6	6-67		40	627	24
87-25-9305	5934324	1271075	8 10 63	18	15,520	554	302	2	17,070	3.2	11-66		40	633	15
87-25-9430	6335559	1283917	11 14 64	7	16,825	579	305	2	23,920	3.4	8-67		40	1066	24
87-25-9430	6205912	1321985	10 1 64	7	17,420	584	297	2	22,555	3.4	10-67		40	581	21
87-25-9487	5231113	1223243	10 5 60	13	16,090	559	305	1	22,740	3.8	10-67		35	822	34
87-25-9862	6587691	1452607	10 18 65	10	13,960	498	305	1	22,420	3.3	3-68		28	865	24
87-25-9862	6303867	1415455	4 5 65	23	13,450	477	305	1	17,340	3.5	4-67		28	623	28
87-25-9924	5836394	1283917	12 22 62	16	14,860	596	305	3	19,290	3.8	7-67		42	826	18
87-25-9938	6304625	1242221	12 7 64	17	14,945	522	277	2	17,300	3.3	1-68		37	878	27
87-25-9938	6118371	1199324	2 28 64	15	13,560	479	281	1	15,870	3.4	9-67		36	759	23
87-26-0299	6381061	1449182	7 13 64	16	12,810	433	305	2	21,745	3.1	2-68		30	1156	30
87-26-0522	6001481	1199324	10 23 63	29	14,603	516	293	3	17,213	3.3	8-67		42	846	24
87-26-0658	6041309	1199324	12 20 63	16	15,775	556	299	2	17,675	3.5	624		40	768	25
87-26-0658	6353948	1199324	3 15 65	18	15,090	544	305	1	19,620	3.2	8-67		36	936	25
87-26-0658	5503193	1223243	12 1 61	12	15,695	550	305	4	20,192	3.4	6-67		43	851	28
87-26-0722	5381579	1236789	9 6 60	31	14,380	517	279	2	17,090	3.6	10-67		40	631	21
87-26-0722	6223341	1283917	6 28 64	36	14,565	514	305	2	19,705	3.3	9-67		40	844	14
87-29-0074	6507658	1242221	7 28 65	10	13,180	485	288	1	14,320	3.7	1-68		33	746	26
87-29-9499	6120913	1435690	4 15 64	19	18,245	674	305	2	21,880	4.0	1-68		29	613	35
87-29-9712	5770727	1223243	9 8 61	21	16,088	609	302	5	18,822	3.7	11-67		44	651	21
87-29-0837	6602261	1414486	3 5 64	7	13,190	480	305	2	17,710	3.4	2-68		30	638	20
87-29-0861	6281531	1414486	10 12 63	5	13,303	488	293	3	17,733	3.6	4-68		33	689	25
87-29-0861	6281532	1414486	12 26 63	7	13,510	505	304	2	17,775	3.9	2-68		30	611	28
87-29-0946	6334816	1329588	8 20 64	20	14,815	579	294	2	18,955	3.6	11-67		40	680	18
87-29-0946	6334818	1271075	9 20 63	9	12,680	491	305	2	17,005	3.7	6-67		40	888	30
88-01-9004	5835947	1222994	1 29 63	6	14,316	543	301	3	20,570	3.6	4-67		42	1060	34
88-01-9020	6298627	1244009	3 8 65	22	15,010	569	305	1	20,090	3.2	2-68		36	821	16
88-01-9020	5426460	1199324	6 15 61	14	15,332	562	305	4	17,132	3.4	5-67		44	766	19
88-16-9005	6101767	1409709	6 1 64	12	16,380	547	305	2	22,080	3.6	10-67		29	849	37
91-10-5064	5955469	1413117	9 21 63	21	16,540	581	299	3	21,040	3.6	12-67		32	737	28

91-10-5064	5955467	1244009	8	2	63	25	16,850	590	305	2	19,340	3.4	659	9-67	40	691	17
91-11-5001	5553259	1339464	10	5	61	23	17,702	628	305	4	22,200	3.5	772	8-67	37	834	27
91-11-5001	5674497	1339464	12	29	61	13	17,235	622	305	4	23,800	3.9	919	7-67	37	1115	48
91-12-0017	6309513	1283917	5	12	65	10	16,030	572	305	1	21,410	3.2	687	11-67	36	753	9
91-12-0049	4312582	1060259	4	21	56	16	14,506	524	304	5	22,572	3.4	761	2-67	44	1406	40
91-12-0101	4305949	1060259	9	10	56	43	14,296	511	297	3	18,110	3.6	657	11-67	42	813	26
91-12-0101	6082544	1271075	5	5	64	62	12,770	457	305	1	20,190	3.3	673	7-67	35	1039	33
91-12-0101	6082545	1271075	5	19	64	67	13,400	475	305	1	17,700	3.8	669	6-67	35	808	31
91-12-0101	6058969	1271075	1	16	64	57	12,610	452	305	1	16,120	3.5	559	8-67	35	743	25
91-12-5117	6547305	1454407	8	16	65	53	15,260	510	305	1	21,840	3.0	656	1-68	28	845	18
91-12-0130	6265009	1271075	2	20	64	89	15,410	571	305	2	19,445	3.4	667	7-67	40	886	26
91-12-0130	6369553	1259069	8	2	65	130	17,070	628	305	1	22,570	3.4	762	2-68	36	662	15
91-12-0130	5889795	1271075	8	11	63	77	17,430	607	305	2	20,845	3.6	740	11-66	40	843	31
91-12-0130	6174435	1271075	5	15	64	103	14,590	546	305	1	17,610	3.6	638	7-67	35	721	24
91-12-0143	5781294	1239242	12	24	62	11	14,973	544	305	3	20,903	3.8	789	4-68	42	976	39
91-12-0143	6566172	1454720	12	2	65	19	14,750	536	305	1	20,500	3.4	692	1-68	26	637	22
91-26-0002	6191253	1244009	8	14	64	43	13,990	507	305	2	16,205	3.7	598	4-68	40	634	19
91-26-0002	6020150	1065220	3	1	62	30	13,590	489	297	4	19,340	3.5	670	1-68	44	821	25
91-28-5072	5920256	1396355	2	21	63	56	17,053	567	305	3	21,086	3.2	683	11-67	35	733	19
91-34-5002	5089239	1010936	2	10	60	26	15,340	579	305	5	20,152	3.8	764	9-67	44	820	35
91-34-5002	5089240	1010936	2	14	60	25	15,372	580	305	5	18,598	3.8	703	8-67	44	616	27
91-34-5002	5514580	1349680	10	2	61	12	15,380	568	305	3	20,273	3.7	748	5-67	33	749	29
91-34-5002	5591615	1349680	2	8	62	13	15,496	562	305	3	22,023	3.3	736	12-67	33	963	28
91-34-5002	6256940	1087974	10	3	64	35	15,360	565	305	1	22,900	3.9	897	9-67	36	965	40
91-34-0006	6410162	1416897	7	27	65	41	13,970	517	305	1	20,260	3.5	719	11-67	33	673	21
91-34-0013	5964825	1244009	10	10	63	48	17,083	620	300	3	19,973	3.7	732	11-67	42	763	23
91-34-0067	6061406	1383912	2	28	64	32	16,450	582	299	2	21,270	3.7	782	8-67	30	748	31
91-34-0067	6136910	1383912	8	18	64	19	15,605	556	305	2	22,265	3.6	808	1-68	30	954	37
91-34-0148	6116878	1244009	8	31	63	28	15,040	540	305	1	18,500	3.7	688	7-67	36	700	21
91-34-5181	6175309	1242221	10	27	64	35	16,390	619	305	1	20,630	4.1	836	6-67	32	1006	41
91-34-5181	6035863	1410387	1	17	64	15	14,145	540	211	2	19,380	3.7	717	4-68	30	807	26
91-34-5181	6035864	1410387	1	17	64	26	14,585	555	215	2	18,260	3.8	687	1-68	30	629	20
91-34-5181	6087418	1242221	5	2	64	42	16,680	635	298	2	19,140	3.8	728	9-67	36	900	33
91-34-5181	5927099	1242221	11	26	63	33	16,650	635	305	2	18,550	3.6	672	6-67	36	840	27
91-34-5181	5758635	1383004	12	7	62	33	15,756	601	305	3	19,990	3.5	707	9-67	41	622	30
91-42-5016	5889798	1271075	9	4	63	22	16,256	576	301	3	19,463	3.5	689	8-67	42	846	30
91-42-5016	5889799	1271075	9	10	63	21	16,110	574	298	2	18,770	3.5	655	9-67	40	753	25
91-42-5016	5119725	1315356	5	26	60	27	16,726	591	298	3	19,390	3.5	672	9-67	34	639	17
91-42-5048	6104987	1244009	1	12	64	29	15,835	532	305	2	19,795	3.5	701	10-67	40	829	27
91-42-5050	6273522	1295523	8	17	64	33	14,110	491	305	1	19,480	3.2	630	1-68	33	826	25
91-54-5043	6280649	1380550	8	10	64	24	16,675	557	299	2	22,530	3.6	803	9-67	40	586	30
91-54-5043	5499688	1144239	6	3	61	20	15,808	537	298	5	22,292	3.1	701	10-67	44	861	16
91-54-5043	5359476	1361996	4	5	61	13	16,512	551	304	5	20,680	3.2	652	4-68	35	713	19
91-54-5110	6323136	1428348	1	10	65	26	14,220	480	305	1	21,090	3.1	655	7-67	23	781	21
91-54-5110	5940020	1396355	12	4	63	26	15,840	534	305	2	22,190	3.0	666	3-68	32	928	18

TABLE 5.—HIGH-RANKING PROGENY OF DHIA Sires: HOLSTEIN—Continued

COW'S LAST HERD CODE	COW'S REGISTRATION NO.	COW'S SIRE REGISTRATION NO.	COW'S BIRTH DATE (Mo.) (Day) (Yr.)	HERDMATES			AVERAGE PRODUCTION OF COW				LAST CALVING		REPEAT- ABILITY (Pct.)		COW INDEX	
				NUM- BER	MILK (Lb.)	FAT (Lb.)	IN MILK (Days)	REC- ORDS	MILK (Lb.)	FAT (Pct.)	(Mo.) (Yr.)	CAR			MILK	FAT
91-58-5046	6651891	1303502	12 9 64	16	16,780	636	305	1	24,140	3.6	11-67		35		687	22
91-58-5064	6378015	1406271	8 17 65	18	15,960	609	305	1	19,850	3.6	10-67		35		818	32
91-58-0091	5935818	1385225	9 15 63	39	15,585	523	305	2	22,635	3.6	9-67		34		1168	47
91-58-5110	5830012	1385225	2 12 63	8	15,503	569	305	3	17,896	3.9	10-67		36		663	29
91-58-5110	5830009	1385225	2 10 63	11	16,045	609	296	2	17,870	3.4	12-67		34		583	15
91-58-5110	5596377	1385225	1 31 62	10	16,130	592	305	4	17,910	3.9	3-68		37		602	28
91-58-5110	5596381	1385225	5 2 62	6	16,143	615	305	3	22,570	3.6	4-68		36		1186	40
91-58-5110	5596378	1385225	3 23 62	12	15,930	590	305	3	18,873	3.8	1-68		36		739	29
91-58-5119	6492315	1406271	10 21 65	5	15,760	604	305	1	25,080	3.0	12-67		35		1226	36
91-58-5119	6492312	1406271	8 28 65	5	15,170	566	305	1	16,570	3.5	1-68		35		611	24
91-58-5132	6444903	1297472	8 4 65	39	13,920	497	305	1	20,850	3.6	10-67		34		650	31
91-58-5132	4996521	1144238	8 27 59	25	15,100	524	304	4	20,540	3.3	8-67		42		636	18
91-58-0197	5830008	1385225	1 12 63	19	17,550	643	305	1	19,960	3.5	3-68		28		609	20
91-58-0197	6047655	1385225	4 1 64	19	17,550	643	305	1	22,070	3.4	4-68		28		787	25
91-58-0207	5246386	1150470	2 15 59	6	13,664	507	305	5	19,382	3.4	7-67		44		714	18
91-62-5001	5941308	1399228	8 19 63	70	14,513	513	305	3	18,720	3.4	12-67		31		603	18
91-62-5001	6202693	1297472	12 17 64	78	14,160	498	301	2	19,125	3.1	10-67		38		631	21
91-62-5002	6414238	1297472	8 6 65	73	16,930	610	298	1	24,740	3.0	8-67		34		762	21
91-62-0009	6242166	1271075	1 27 65	16	14,385	516	305	1	19,360	3.4	5-67		35		622	20
91-62-0021	6424417	1447414	5 22 65	35	15,700	553	299	1	16,790	3.2	1-68		26		793	22
91-62-0032	6401469	1329588	12 4 63	12	17,010	607	305	1	25,400	3.3	8-67		36		914	25
91-62-0032	6592616	1199324	8 29 64	8	18,950	663	305	1	20,780	3.6	6-67		36		764	26
91-62-0032	6303939	1417208	6 9 64	11	18,310	618	305	2	22,170	3.5	2-68		40		793	33
91-62-0060	5880875	1323059	10 17 62	16	14,385	516	294	2	19,170	3.1	5-67		32		802	10
91-62-0209	5935817	1385225	9 8 63	43	15,110	539	299	2	17,925	3.3	10-67		34		684	20
91-64-5048	6365157	1438332	5 11 65	13	16,460	599	284	2	17,730	3.5	3-68		35		633	17
91-64-5048	6542811	1438332	12 21 65	9	16,970	613	305	1	18,840	3.4	3-68		30		677	18
91-70-5017	6073468	1385225	9 24 63	16	16,113	542	305	3	19,606	3.3	2-68		36		811	27
91-72-0004	5988897	1239242	8 5 63	44	14,440	501	305	1	18,260	3.6	8-67		36		599	22
91-72-5020	6501276	1438332	11 2 65	76	15,030	528	296	1	18,050	3.3	3-68		30		756	20
91-72-5020	5768969	1370898	8 27 62	54	14,403	506	292	3	18,490	3.4	1-68		32		660	20
91-72-5020	5603619	1370898	4 12 62	61	14,123	498	292	3	17,953	3.7	1-68		32		621	26
91-74-5002	6759380	1330987	9 3 65	13	15,610	581	305	1	19,490	3.9	2-68		36		622	32
91-74-0004	6306073	1433785	11 12 64	20	11,760	423	305	1	15,250	4.0	8-67		28		602	33
91-74-0004	6306079	1222994	1 25 65	7	11,780	402	305	1	14,960	3.2	5-67		36		588	18
91-74-5047	6180770	1440035	12 1 64	37	14,790	552	305	2	21,245	3.3	12-67		29		934	21
91-74-0150	5878885	1199324	11 27 62	12	15,663	586	232	3	21,150	4.0	7-67		42		1189	47
91-74-0194	6017626	1330987	1 13 64	8	17,860	626	305	2	23,360	3.4	10-67		40		931	37
91-74-0208	6531599	1239242	8 2 65	6	18,230	655	305	1	23,610	3.3	12-67		36		743	21
91-78-0005	4185166	1060259	10 19 55	41	14,728	532	305	6	18,883	3.4	3-67		44		904	24
91-78-0005	6006607	1340669	12 10 63	44	15,620	564	305	3	19,653	3.6	1-68		42		750	17
91-78-0005	6043194	1455661	2 16 64	50	15,865	577	305	2	20,165	3.4	2-68		29		629	17
91-78-0005	6118846	1330987	7 19 64	69	14,330	521	305	2	16,885	3.7	10-67		40		597	28
91-78-0005	6118844	1244009	8 7 64	72	14,330	522	305	2	16,560	3.6	8-67		40		639	17
91-78-0005	6380240	1330987	5 11 65	78	13,960	510	305	1	18,020	3.7	10-67		36		655	31

91-78-0119	6378017	1406271	10 11 65	15 13,210	480	305	1	20,020	3.6	725	12-67	35	1017	42
91-78-5140	6054716	1329588	1 9 64	28 15,975	569	305	2	19,185	4.0	770	9-67	40	598	27
92-02-5024	6092357	1395357	3 25 64	24 18,130	640	305	2	23,840	3.3	796	2-68	32	685	20
92-02-5024	6397110	1423271	5 24 65	21 15,630	564	305	1	22,030	3.3	721	8-67	24	712	18
92-02-5024	6288522	1423271	9 14 65	18 16,190	575	305	1	25,140	3.2	815	9-67	24	945	26
92-02-5024	5228642	1308796	8 27 60	19 17,307	617	305	4	23,262	3.6	844	11-67	44	916	30
92-02-5024	5461877	1357033	10 19 61	28 18,005	640	282	4	21,127	3.7	778	10-67	37	675	22
92-02-5024	5713183	1293263	7 21 62	19 17,000	590	305	3	23,236	3.3	764	9-67	41	655	22
92-02-0033	6716395	1438332	1 20 65	12 15,750	586	305	1	25,360	3.3	844	12-67	28	1275	37
92-03-0064	6291005	1251271	1 7 65	31 15,670	549	305	1	22,140	3.2	718	8-67	35	676	17
92-03-0064	6002761	1244009	11 4 63	30 15,800	547	305	1	20,330	3.2	649	10-67	36	785	18
92-03-0136	6326885	1297472	2 19 65	11 13,380	455	305	1	20,760	3.5	733	1-68	34	681	31
92-06-0049	5980722	1271075	11 11 63	9 17,285	640	305	2	20,990	3.6	762	5-67	40	871	30
92-09-0038	6639769	1438080	7 27 65	12 17,750	609	305	1	24,860	3.3	820	7-67	19	713	21
92-09-0038	4998825	1144239	9 14 59	14 14,876	527	305	6	20,971	3.6	750	1-68	44	799	24
92-16-5024	5770776	1357033	7 1 62	14 15,153	531	305	3	20,993	3.1	644	8-67	34	1020	19
92-16-5024	5770774	1357033	4 27 62	22 15,557	536	302	4	18,580	3.5	642	11-67	37	628	17
92-16-5024	5979872	1357033	12 8 62	18 15,166	530	300	3	18,846	3.3	623	6-67	34	737	16
92-16-5024	6059407	1357033	4 26 63	24 16,356	561	305	3	21,500	3.1	671	3-68	39	759	15
92-16-5024	6059405	1357033	2 20 63	24 14,820	516	305	3	19,960	3.1	626	10-67	36	869	16
92-18-5008	5980721	1271075	11 6 63	21 16,590	635	305	2	20,480	3.8	786	6-67	40	883	33
92-18-0027	5947917	1271075	7 21 63	11 15,440	597	305	2	20,165	3.6	725	1-67	40	957	30
92-18-0027	6082563	1271075	8 12 63	12 15,000	582	305	2	16,440	4.4	716	11-66	40	617	30
92-18-0027	6082566	1271075	1 10 64	11 16,045	618	305	2	18,820	3.2	603	5-67	40	764	16
92-20-0033	6091759	1378494	5 26 64	23 14,365	529	305	2	20,230	3.7	748	3-68	29	807	30
92-20-0033	5922603	1378494	8 29 63	23 14,570	534	296	2	20,125	3.7	749	11-67	29	772	30
92-20-0033	5755936	1378494	2 10 63	22 15,093	552	305	3	18,933	3.3	632	2-68	32	632	15
92-20-0074	5970593	1307195	8 1 63	12 17,060	600	305	2	21,000	3.4	711	1-67	40	644	22
92-20-0086	5835740	1397607	9 12 62	22 17,352	632	302	4	21,035	3.5	727	12-67	35	808	25
92-20-0086	5835739	1397607	9 5 62	9 15,770	573	305	1	21,610	4.4	947	3-68	24	800	45
92-20-0086	5835738	1397607	8 23 62	16 17,153	610	305	3	20,293	3.7	754	6-67	33	697	31
92-20-0086	4361209	1197893	9 22 56	12 16,050	580	305	8	22,571	3.8	863	12-67	36	983	45
92-20-0086	6280877	1397607	6 13 63	18 16,700	590	305	2	19,960	3.8	750	6-67	30	666	30
92-20-5100	5947918	1271075	7 30 63	33 15,660	591	305	2	18,700	3.6	674	5-67	40	787	25
92-20-5100	6216252	1376029	5 3 64	41 14,910	528	305	2	20,135	3.3	656	10-67	30	680	16
92-20-0119	6066887	1307195	3 17 54	9 17,440	600	305	2	20,815	3.4	710	4-67	40	591	22
92-22-5023	5562938	1307195	2 21 62	22 14,170	479	305	3	18,936	3.3	618	11-66	42	763	25
92-22-5023	5562940	1307195	3 26 62	25 14,293	485	305	3	18,206	3.2	576	11-66	42	665	20
92-22-5045	4514410	1060259	6 12 57	13 14,115	535	303	2	18,595	3.6	662	6-67	40	839	23
92-22-5045	6449684	1259069	8 1 65	18 14,930	555	305	1	21,150	3.4	714	12-67	36	700	17
92-23-0046	5980726	1244009	11 1 63	9 15,460	551	305	1	19,770	3.6	720	9-67	36	766	23
92-23-0089	5947807	1421805	9 13 63	18 15,665	523	301	2	20,410	3.2	656	2-68	30	771	21
92-23-0089	6058705	1421805	10 5 63	16 15,690	524	305	2	20,165	3.5	699	12-67	29	709	26
92-23-0089	6521607	1438332	10 2 65	28 16,770	552	305	1	17,800	3.3	582	10-67	30	606	17
92-23-0106	6310185	1322863	11 24 64	5 13,315	497	305	2	19,020	3.7	698	4-68	36	799	28

TABLE 5.—HIGH-RANKING PROGENY OF DHIA SIRE: HOLSTEIN—Continued

COW'S LAST HERD CODE	COW'S REGISTRATION NO.	COW'S SIRE REGISTRATION NO.	COW'S BIRTH DATE (Mo.) (Day) (Yr.)	HERDMATES			AVERAGE PRODUCTION OF COW				LAST CALVING		REPEAT- ABILITY (Pct.)		COW INDEX	
				NUM- BER	MILK (Lb.)	FAT (Lb.)	IN MILK (Days)	REC- ORDS	MILK (Lb.)	FAT (Pct.)	(Mo.) (Yr.)	CAR			MILK	FAT
92-23-0112	6186924	1271075	1 25 64	15	13,525	534	305	2	16,680	3.8	6-67		40	777	26	
92-27-5013	6108179	1409604	10 17 63	33	15,445	576	305	2	19,970	3.4	9-67		30	593	17	
92-27-5030	5118789	1144239	4 4 60	23	14,176	489	305	5	19,850	3.5	1-68		44	736	21	
92-27-5030	5937582	1400753	7 3 63	23	14,226	495	305	3	19,933	3.3	8-67		33	829	25	
92-27-5030	5576489	1200082	1 10 62	19	13,566	469	305	3	23,783	3.4	11-66		42	1070	33	
92-27-0056	4414546	1251271	4 4 57	16	13,548	468	301	6	17,595	3.5	6-67		44	676	23	
93-04-9042	5299453	1199324	10 7 60	9	15,865	570	305	2	22,445	3.8	1-68		40	1244	48	
93-07-0002	6124578	1271075	5 13 64	441	14,825	545	286	2	16,370	3.4	8-67		40	626	17	
93-10-9011	6105972	1299222	3 2 64	13	16,090	575	305	2	22,855	3.4	10-67		32	1148	34	
93-10-9011	5224008	1299222	11 25 60	6	16,505	591	295	4	19,205	3.6	8-67		35	713	25	
93-10-9011	5224004	1299222	6 12 60	11	16,445	609	295	4	18,372	3.6	10-67		37	630	18	
93-10-9011	5461623	1299222	11 22 61	5	16,747	604	305	4	26,385	3.2	7-67		35	1713	47	
93-10-9011	5461622	1299222	11 17 61	10	16,335	587	305	4	20,550	3.8	10-67		37	946	39	
93-10-9011	5461620	1299222	10 7 61	10	16,225	595	296	4	17,775	3.8	9-67		38	601	23	
93-10-9011	5039013	1306235	3 18 59	11	17,683	632	305	3	22,733	3.7	8-67		32	645	26	
93-10-9011	5785106	1299222	11 11 62	5	16,490	589	305	3	20,903	3.2	8-67		33	918	22	
93-10-9011	5785107	1299222	2 20 63	12	15,726	569	305	3	22,176	3.1	11-67		35	1195	27	
93-10-9018	5778376	1419723	2 22 63	76	16,093	553	298	3	20,340	3.7	8-67		35	632	28	
93-10-9018	5823508	1199324	2 10 63	88	16,880	584	305	1	21,670	3.7	12-67		36	969	35	
93-10-9018	5823509	1199324	2 17 63	104	16,740	579	292	1	20,350	3.3	11-67		36	880	27	
93-10-9018	5606358	1314880	2 2 62	90	16,203	557	305	3	19,830	3.5	6-67		33	608	25	
93-10-9018	5671531	1314880	7 10 62	86	16,322	566	303	4	19,777	3.7	732		35	620	30	
93-10-9018	6647606	1437633	3 13 66	43	17,980	610	305	1	23,070	3.3	4-68		27	644	17	
93-10-9018	5351031	1199324	12 17 60	100	15,960	558	305	3	16,680	3.8	2-67		42	645	26	
93-10-9018	5401204	1314880	6 20 61	97	16,216	558	304	3	21,106	3.3	1-68		33	776	24	
93-10-9018	5401208	1292878	5 24 61	90	16,177	563	303	4	21,225	3.5	11-67		35	877	28	
93-10-9018	5509637	1314880	12 31 61	100	16,476	565	305	3	20,913	3.5	11-67		33	719	29	
93-10-9018	6105925	1242221	7 10 64	95	16,100	556	260	2	15,975	3.9	10-67	8	36	616	30	
93-10-9018	6166031	1417720	9 13 64	103	16,405	567	305	2	20,505	3.3	12-67		34	876	23	
93-10-9018	6166017	1419723	8 11 64	79	16,130	554	301	2	21,755	3.2	10-67		32	703	18	
93-10-9018	6252002	1242221	12 18 64	110	16,635	573	294	2	23,490	3.1	1-68		37	1376	39	
93-10-9018	6300468	1242221	1 9 65	90	16,735	574	305	2	23,460	3.4	3-68		37	1363	45	
93-10-9018	6345419	1417720	7 4 65	89	15,820	552	305	1	19,370	3.1	7-67		29	728	15	
93-10-9018	6188697	1283231	11 5 64	67	15,380	541	287	2	20,160	3.2	2-68		32	712	16	
93-10-9032	6188685	1283231	9 18 63	51	15,206	541	302	3	19,816	3.5	1-68		32	759	24	
93-10-9032	6188698	1283232	7 1 63	58	14,126	500	297	3	20,240	3.3	7-67		32	854	23	
93-10-9032	6188708	1374023	11 16 64	51	15,700	550	305	2	20,005	3.4	1-68		29	581	17	
93-10-9032	6188695	1283231	8 4 64	28	14,150	501	305	2	18,810	3.5	11-67		29	683	22	
93-10-9032	5943242	1283231	8 12 62	41	15,012	540	302	4	19,387	3.7	1-68		34	765	30	
93-10-9032	5943241	1283231	7 11 62	34	14,155	509	299	4	21,440	3.4	10-67		34	1173	35	
93-10-9032	6188698	1283232	7 1 63	58	14,126	500	297	3	20,240	3.3	7-67		32	854	23	
93-10-9032	6188708	1374023	11 16 64	51	15,700	550	305	2	20,005	3.4	1-68		29	581	17	
93-10-9058	6247266	1415831	2 1 64	67	16,670	613	305	2	24,185	3.4	10-67		29	1114	33	
93-10-9058	6247272	1199324	7 20 64	62	17,040	625	305	2	21,975	3.6	12-67		40	1089	36	
93-10-9058	5492799	1199324	8 9 61	57	17,093	640	305	3	24,113	3.5	2-67		42	1382	41	
93-10-9040	5963772	1392081	4 6 63	43	14,510	536	305	2	18,690	3.6	10-66		29	612	20	
93-10-9040	6380733	1420015	5 26 65	52	14,240	521	305	1	19,450	3.3	11-67		26	870	16	
93-10-9058	6247266	1415831	2 1 64	67	16,670	613	305	2	24,185	3.4	10-67		29	1114	33	
93-10-9058	6247272	1199324	7 20 64	62	17,040	625	305	2	21,975	3.6	12-67		40	1089	36	
93-10-9058	5492799	1199324	8 9 61	57	17,093	640	305	3	24,113	3.5	2-67		42	1382	41	

93-10-9058	6513568	1415831	5	2	65	90	17,210	641	287	1	21,160	3.3	706	7-67	24	582	15
93-10-0078	6327752	1329588	3	23	64	7	14,620	526	305	1	19,020	3.6	687	8-67	36	599	19
93-10-9156	5925626	1326918	11	10	63	43	13,285	483	305	2	17,845	3.4	609	6-67	30	580	17
93-10-9175	5943357	1244009	10	16	63	73	16,945	608	305	2	19,595	3.4	659	11-67	40	708	16
93-10-9175	5902968	1242221	10	1	63	135	18,095	628	293	2	17,880	3.2	564	2-68	37	638	17
93-10-9175	6001491	1330259	2	25	63	76	15,275	544	286	2	22,795	3.4	766	8-67	30	1306	41
93-10-9175	6326003	1242221	1	2	65	72	18,860	646	305	1	18,070	3.6	647	4-68	33	639	25
93-10-9175	6282418	1242221	10	10	64	104	17,075	621	302	2	19,075	3.4	641	1-68	36	791	25
93-10-9175	6279007	1242221	7	3	64	112	18,265	628	305	2	17,695	3.6	637	3-68	37	603	24
93-10-9175	6282415	1432243	2	11	64	87	15,980	570	305	2	20,255	3.2	651	7-67	32	655	15
93-10-9175	6282419	260599C	7	10	64	119	17,700	616	305	1	23,460	3.2	745	3-67	35	756	12
93-10-9175	6338891	1455387	6	3	65	94	16,790	603	305	1	23,850	3.0	723	10-67	22	829	19
93-10-9175	6338886	1242221	7	30	64	101	18,340	634	305	2	22,630	3.1	691	4-68	37	1121	29
93-10-9175	6512880	1420015	2	13	65	116	18,245	628	305	2	21,825	3.1	674	3-68	32	760	8
93-10-9175	6577769	1427344	8	14	64	115	18,185	626	305	2	22,735	3.4	782	3-68	30	910	26
93-10-9175	6568829	1418050	6	7	65	142	18,160	631	291	1	24,990	3.0	749	1-68	25	936	22
93-10-9175	6694007	1418050	1	11	66	140	18,190	627	305	1	22,500	3.2	726	2-68	25	715	20
93-10-9175	6693999	1473728	8	24	65	98	17,250	611	305	1	23,990	3.2	763	11-67	24	905	22
93-10-9175	5662353	1199324	12	22	60	45	16,663	593	301	3	19,220	3.5	668	11-67	42	864	27
93-10-9175	5613550	1330259	1	1	62	84	17,180	593	300	1	21,640	3.0	656	4-67	24	849	22
93-10-9175	5613551	1330259	1	15	62	119	17,450	605	305	1	18,950	3.3	624	1-67	24	588	18
93-10-9175	5565293	1330259	7	2	60	90	18,105	622	305	2	20,580	3.5	722	4-68	30	700	27
93-10-9175	5715915	1330259	4	29	62	120	17,770	612	305	2	23,695	3.4	811	2-68	30	1106	39
93-10-9175	5715916	1330259	7	2	62	76	15,350	545	305	2	20,845	3.7	763	7-67	30	1066	41
93-10-9175	5843998	1330259	9	1	62	86	16,140	568	305	1	26,600	4.3	1143	5-67	24	1374	67
93-10-9175	5893333	1199324	4	29	63	90	17,600	620	305	1	19,130	3.7	705	12-67	36	731	26
93-10-9175	5888390	1418050	10	2	63	104	17,685	619	300	2	21,300	3.3	713	1-68	30	612	18
93-10-9175	5886321	1418050	10	3	63	136	18,015	624	305	2	21,085	3.7	771	2-68	30	684	29
93-10-0277	6250731	1271075	10	6	64	62	17,130	595	305	1	21,250	3.9	824	5-67	35	823	35
93-10-0277	6176008	1271075	2	10	64	47	16,030	596	304	2	17,950	3.7	668	9-67	40	676	24
93-10-9278	6148785	1396607	1	14	64	38	16,475	537	292	2	19,220	3.9	747	5-67	30	818	40
93-10-9278	6269920	1367061	12	1	64	33	16,420	561	305	2	21,715	3.3	707	3-68	32	634	20
93-10-9278	6054748	1239242	2	4	64	32	15,270	517	305	2	20,460	3.8	786	9-67	40	833	37
93-10-9278	6038476	1154946	9	12	63	26	15,245	516	305	2	19,160	3.4	655	9-67	40	619	18
93-11-9001	6406095	1391977	6	12	65	10	18,840	694	305	1	24,480	3.6	885	3-68	31	591	20
93-11-9039	6230765	1381711	11	16	64	40	16,040	494	305	1	20,640	3.2	655	11-67	23	729	18
93-11-9039	5832319	1381711	3	28	63	40	13,456	483	305	3	17,540	3.5	622	8-67	32	667	22
93-11-9039	5832317	1381711	2	26	63	40	13,456	483	305	3	17,060	3.4	572	8-67	32	602	15
93-11-9039	5650758	1381711	7	26	62	27	14,260	500	305	4	19,980	3.2	642	3-68	33	951	24
93-11-9144	5817042	1401255	12	10	62	17	15,203	549	300	3	19,283	3.6	701	7-67	32	618	22
93-11-9144	5934363	1239242	9	9	63	23	15,825	559	305	2	18,810	3.6	678	6-67	40	614	23
93-15-0035	6696563	1330424	11	18	65	26	16,920	569	299	1	20,100	3.6	715	2-68	23	585	21
93-15-0057	6106960	1239242	12	20	65	26	16,920	567	305	1	20,160	3.7	752	2-68	29	705	29
93-16-9001	6153413	1386287	11	16	63	5	17,963	655	292	3	20,376	3.7	748	1-68	42	606	22
93-16-9001			7	23	64	28	15,540	546	286	1	20,110	3.6	714	11-67	27	673	20

TABLE 5.—HIGH-RANKING PROGENY OF DHIA SIRE: HOLSTEIN—Continued

COW'S LAST HERD CODE	COW'S REGISTRATION NO	COW'S SIRE REGISTRATION NO.	COW'S BIRTH DATE (Mo.) (Day) (Yr.)	HERDMATES			AVERAGE PRODUCTION OF COW				LAST CALVING		REPEAT- ABILITY (P _{ct.})	COW INDEX	
				NUM- BER	MILK (Lb.)	FAT (Lb.)	IN MILK (Days)	REC- ORDS	MILK (Lb.)	FAT (Pct.)	(Mo.) (Yr.)	CAR		MILK	FAT
93-16-9001	6165069	1414011	7 28 64	51	17,700	597	305	1	24,520	3.3	4-67		29	745	28
93-16-9001	5644345	1240549	6 9 62	44	17,056	584	300	3	23,700	3.6	2-67		42	873	36
93-16-9001	4968659	1242221	8 9 59	39	16,136	561	297	3	21,200	3.5	10-67		39	1236	44
93-16-9010	5455790	1367977	6 4 61	65	15,856	545	304	3	20,993	3.1	7-67		32	794	12
93-16-9010	6271289	1386883	12 8 63	53	15,905	552	305	2	22,040	3.1	12-67	A	29	912	19
93-16-9011	5579170	1113350	10 14 61	17	16,510	610	305	2	21,615	3.7	6-67		40	581	22
93-16-9050	5734526	1354967	12 30 62	58	16,606	624	305	3	19,483	3.6	10-67		36	609	23
93-16-9050	5844412	1279886	2 1 63	39	16,296	606	303	3	20,776	3.9	7-67		33	671	29
93-16-9050	6252003	1242221	12 19 64	44	17,195	633	302	2	21,815	3.5	2-68		37	1144	37
93-16-9054	5959592	1239242	1 29 63	40	15,075	547	305	2	18,855	3.6	8-67		40	688	24
93-16-9166	5726112	1277613	10 3 62	25	15,690	551	299	3	19,256	3.5	8-67		38	586	17
93-16-9166	6580525	1418050	8 10 65	19	16,740	610	276	1	21,960	3.7	2-68		25	782	30
93-19-9056	5379846	1349691	3 20 61	170	15,565	566	295	4	19,770	3.7	11-67		35	585	21
93-19-9056	5128953	1279886	5 8 60	184	16,542	592	290	4	20,895	3.7	3-68		35	701	28
93-19-9056	4588173	1113350	7 1 57	189	16,075	576	305	4	21,462	3.6	2-68		44	727	27
93-19-9056	6217610	1354967	12 12 64	209	16,220	599	298	1	21,890	3.4	9-67		28	797	27
93-19-9061	6169973	1414837	10 4 64	152	18,150	621	260	2	22,960	3.1	1-68	F	30	844	13
93-19-9061	5821674	1283917	2 6 62	167	16,355	589	304	4	21,090	3.6	7-67		44	914	21
93-19-9061	6441403	1299222	12 10 65	148	18,480	610	292	1	22,420	3.5	3-68		29	776	29
93-19-9061	5592443	1126307	6 9 62	180	16,476	594	305	3	21,176	3.6	9-66		41	673	26
93-19-9061	6272784	1322863	2 8 65	123	17,630	604	296	2	22,995	3.5	4-68		36	809	29
93-19-9061	6333436	1322863	3 28 65	97	17,850	601	305	1	23,660	3.1	11-67		32	720	18
93-19-9061	6381495	1331439	9 6 65	145	18,440	610	305	1	24,550	3.2	3-68		30	860	22
93-19-9061	6353694	1305874	6 29 65	97	17,820	602	305	1	26,200	3.2	845		31	786	24
93-19-9066	6270682	1271075	3 4 64	10	13,710	483	249	2	20,530	3.7	6-67	H	40	1153	44
93-19-9165	6360043	1339836	3 14 65	186	17,950	652	305	1	25,150	3.2	6-67		25	795	17
93-19-9165	6369337	1339836	4 15 65	144	19,330	698	305	2	26,280	3.1	3-68		34	939	17
93-19-9165	6369327	1406551	1 24 65	160	18,775	681	305	2	23,685	3.5	12-67		29	727	24
93-19-9165	6343123	1354967	5 26 65	198	17,990	655	305	1	22,470	3.6	7-67		28	711	27
93-19-9165	5657496	1144239	7 4 61	134	18,460	659	305	4	24,360	3.7	11-67		44	785	25
93-19-9165	5863044	1406551	2 8 63	184	18,216	648	305	3	24,830	3.5	11-67		32	1034	35
93-19-9165	5863033	1339836	3 10 63	161	17,966	645	305	3	21,580	3.5	10-67		36	639	18
93-19-9165	5785690	1339836	9 26 62	156	18,013	643	305	3	21,166	3.4	8-67		33	589	15
93-19-9165	5212914	1339836	12 10 59	160	18,235	647	303	4	21,592	3.5	11-67		37	638	17
93-19-9165	5394358	1343644	7 30 61	149	18,397	652	305	4	22,972	3.5	1-68		35	858	27
93-19-9165	5394355	1343644	6 29 61	145	18,805	666	305	4	22,415	3.4	2-68		35	726	18
93-19-9165	5480050	1348814	9 7 61	147	18,173	644	305	3	23,556	3.6	8-67		33	756	31
93-19-9165	5426919	1343644	10 13 61	159	17,603	622	305	3	21,616	3.3	7-67		33	727	16
93-19-9165	4659723	1113350	8 4 57	161	18,487	653	305	4	22,612	3.6	2-68		44	601	23
93-19-9165	3925201	1060259	10 26 54	159	18,275	650	305	4	21,337	3.2	7-67		44	794	15
93-19-9165	6590586	1339836	6 24 64	148	18,400	667	305	2	21,965	3.5	12-67		33	581	16
93-19-9165	6177148	1244009	7 6 64	171	19,255	693	305	2	23,350	3.6	1-68		40	878	26
93-19-9165	6211451	1339836	9 21 64	159	18,980	686	305	1	25,250	3.4	11-67		28	704	18
93-19-9165	6195224	1407521	7 23 64	163	19,255	694	305	2	25,690	3.6	2-68		28	937	33
93-19-9165	6089765	1407521	3 7 64	203	17,885	644	305	2	21,905	3.4	6-67		28	637	17

93-19-9303	6224863	1322863	9 27 64	18	18,585	685	305	2	21,880	3.5	755	1-68	36	615	16
93-19-9303	6140987	1322863	4 15 64	25	17,810	660	305	2	25,325	3.6	917	12-67	36	1060	36
93-19-9316	1429483	1429483	1 14 64	127	16,395	585	305	2	20,440	4.0	809	6-67	29	611	33
93-19-9316	6086176	1271075	2 5 64	120	16,310	593	305	2	19,320	3.6	698	8-67	40	772	28
93-19-9316	5965582	1239242	11 24 63	122	16,670	605	305	2	19,595	3.5	678	12-67	40	617	18
93-19-9316	6588301	1239242	12 27 65	118	18,070	661	304	1	22,080	3.5	762	4-68	36	640	19
93-19-9316	6453554	1239242	7 21 63	143	16,743	610	303	3	20,036	3.7	740	1-68	42	693	26
93-19-9316	5799578	1239242	1 6 63	145	16,120	586	305	3	19,123	3.7	698	8-67	42	653	24
93-19-9316	6389219	1259069	7 17 65	125	16,430	613	305	1	22,260	3.5	778	11-67	36	682	17
93-19-9316	6308247	1259069	1 24 65	111	16,740	596	305	1	22,480	3.4	758	6-67	36	678	17
93-20-9038	5386765	1150470	9 17 59	16	16,336	577	305	3	22,270	3.4	763	4-67	42	689	20
93-20-9038	6108035	1295523	3 22 64	16	15,185	541	305	2	18,395	3.6	669	9-67	37	728	27
93-21-9062	5383480	1337632	3 26 61	34	15,595	524	305	4	19,220	3.1	600	3-68	35	628	16
93-21-9091	6073700	1295523	3 3 64	27	14,180	478	297	1	18,860	3.4	634	10-67	33	791	28
93-21-9122	5376040	1199324	7 13 61	27	16,433	592	305	3	24,343	3.5	863	8-67	42	1477	49
93-21-9122	5618125	1199324	9 24 61	24	15,730	582	305	1	23,800	3.4	807	9-67	36	1205	36
93-23-9009	5675294	1144239	6 10 62	50	17,860	663	305	3	23,963	3.3	794	7-67	42	747	11
93-23-9009	5890496	1401250	5 10 63	81	16,056	577	305	3	19,720	3.5	685	12-67	32	828	23
93-23-9009	6477721	1244009	10 27 65	66	17,940	649	305	1	20,680	4.1	850	1-68	36	668	26
93-23-9009	6477723	1244009	11 19 65	66	17,940	649	305	1	21,630	3.3	717	1-68	36	739	16
93-23-9009	5896167	1382418	5 24 63	79	17,160	614	305	2	19,940	3.8	765	11-67	30	618	25
93-23-9009	5920851	1382418	7 6 63	64	16,190	582	305	2	21,220	3.2	678	12-67	30	871	18
93-23-9009	6113114	1382418	11 24 63	83	16,875	600	305	2	22,720	3.1	697	7-67	30	975	18
93-23-9009	6237226	1382418	9 17 64	98	17,400	628	305	1	21,090	3.6	765	6-67	25	628	19
93-23-9009	6237224	1401250	9 22 64	101	17,320	625	305	1	22,960	3.3	755	6-67	23	879	21
93-23-9009	6364665	1382418	4 11 65	33	18,300	650	305	1	23,250	3.6	836	1-68	25	746	24
93-23-0026	6349941	1259069	3 15 65	52	13,050	480	284	1	19,020	3.3	634	2-68	36	667	16
93-23-0026	6488148	1244009	10 15 65	46	13,110	477	305	1	15,160	3.8	571	1-68	36	581	17
93-23-0026	6527603	1244009	10 25 65	51	13,040	478	296	1	15,960	3.5	563	2-68	36	645	16
93-24-0031	5249869	1275318	1 21 61	75	17,818	598	297	5	23,128	3.1	728	11-67	36	877	21
93-24-0031	4975771	1275318	10 10 59	64	17,774	600	298	5	21,858	3.2	703	1-68	36	693	17
93-24-0031	5002436	1280085	8 31 59	90	17,490	591	305	4	22,487	3.3	737	7-67	34	842	24
93-24-9099	4777740	1291498	10 12 58	58	17,666	602	305	5	23,830	3.4	804	12-66	44	1039	31
93-24-9099	5439737	1258673	9 15 61	65	17,860	596	305	4	23,632	3.7	881	2-68	44	630	51
93-24-9099	6409884	1357308	6 2 65	62	17,680	606	305	1	22,940	3.8	878	12-67	28	583	36
93-24-9099	6409890	1435845	4 4 65	67	17,060	595	305	1	25,340	3.2	808	9-67	22	858	22
93-24-9099	6334061	1357308	12 8 64	52	16,870	588	305	1	23,260	3.2	743	7-67	27	608	25
93-24-9099	6287791	1440846	9 12 64	54	18,290	621	305	2	24,175	3.1	759	12-67	29	892	20
93-24-9099	6287790	1440846	8 27 64	62	18,045	621	305	2	25,000	3.2	811	12-67	29	1018	26
93-24-9099	6231443	1295523	7 16 64	57	16,950	599	305	1	22,220	3.4	751	7-67	32	872	29
93-24-9099	6188028	1295523	9 1 64	72	17,610	605	305	1	19,270	3.4	655	5-67	32	588	21
93-24-9099	5961744	1271075	9 12 63	62	18,045	614	305	2	21,465	3.7	790	6-67	40	850	35
93-24-9099	6050204	1295523	10 15 63	65	18,555	632	305	2	21,615	3.4	732	3-68	37	748	25
93-24-9099	6050205	1295523	11 5 63	72	18,170	621	305	2	20,305	3.5	713	12-67	37	665	26
93-24-9099	5841255	1239242	5 9 63	92	18,895	648	305	2	23,445	3.5	812	2-68	40	804	28

TABLE 5.—HIGH-RANKING PROGENY OF DHIA SIRES: HOLSTEIN—Continued

COW'S LAST HERD CODE	COW'S REGISTRATION NO.	COW'S SIRE REGISTRATION NO.	COW'S BIRTH DATE (Mo.) (Day) (Yr.)	HERDMATES			AVERAGE PRODUCTION OF COW				LAST CALVING		REPEAT- ABILITY (Pct.)	COW INDEX	
				NUM- BER	MILK (Lb.)	FAT (Lb.)	IN MILK (Days)	REC- ORDS	MILK (Lb.)	FAT (Pct.)	(Mo.) (Yr.)	CAR		MILK	FAT
93-24-0117	4147406	1060259	10 31 55	60	16,772	581	305	4	19,265	3.4	5-67		44	705	20
93-24-9180	5500664	1204163	1 2 62	44	16,892	593	302	4	22,922	3.3	1-68		41	812	20
93-24-9180	5633459	1388627	7 22 62	28	17,423	604	305	3	21,600	3.4	8-67		31	810	26
93-24-9180	5740785	1385141	7 12 62	39	17,400	607	298	4	20,302	3.6	1-68		34	597	21
93-24-9180	6020018	1385141	1 12 63	22	17,346	603	305	3	21,970	3.6	7-67		32	852	31
93-24-9180	5976040	1371516	6 6 63	49	17,965	631	300	2	22,010	3.2	1-68		29	627	15
93-24-9180	5909490	1385141	3 25 63	45	16,050	566	292	2	20,600	3.2	9-66		29	757	15
93-24-9180	6131555	1371516	3 23 64	63	17,100	595	296	2	22,180	3.3	9-66		29	740	22
93-24-9180	6175100	1385141	1 18 64	18	17,605	606	305	2	29,690	3.4	10-1		29	1687	54
93-24-9180	6340779	1357308	1 5 65	53	17,860	616	305	1	24,450	4.0	8-67		28	697	44
93-24-9180	6373142	1308796	7 7 65	28	18,660	669	305	1	24,720	3.5	4-68		36	642	16
93-24-9204	5240759	1357743	10 1 60	27	15,824	560	298	5	19,858	3.3	11-67		43	682	16
93-24-9204	5213924	1357743	9 1 60	29	15,665	550	305	4	21,970	3.4	3-68		42	902	27
93-24-9368	6295261	1306247	12 24 64	28	13,985	536	305	2	16,980	3.5	4-68		39	861	23
93-24-0368	6120820	1199324	1 6 64	34	13,260	498	305	1	26,110	4.2	10-67		36	1542	63
93-24-0447	4687103	1060259	8 6 57	13	15,323	543	305	3	17,810	3.6	2-67		42	672	21
93-24-0447	6088902	1240009	6 10 64	11	17,675	606	305	2	22,530	3.5	1-68		40	939	24
93-24-0447	5715658	1010936	1 18 63	12	16,726	592	304	3	20,153	3.3	2-68		42	614	23
93-24-9454	5640368	1199324	7 5 62	10	15,823	561	305	3	21,860	3.6	6-67		42	1254	44
93-24-9454	5266148	1190953	3 12 60	11	14,370	517	305	3	19,176	3.8	10-67		38	777	37
93-27-9002	5104016	1297472	5 3 60	32	17,045	597	305	2	25,605	3.5	8-67		35	1061	43
93-27-9002	4829776	1297472	2 24 59	49	18,270	631	305	3	23,016	3.7	8-67		38	733	37
93-27-9002	4946834	1297472	6 26 59	54	18,303	633	305	3	22,223	3.4	5-67		38	630	26
93-27-9002	6473443	1406271	11 18 65	42	18,570	605	305	1	22,660	3.5	4-68		35	839	38
93-27-9002	5690639	1278136	11 9 62	46	18,270	632	305	3	23,530	3.5	11-67		33	845	26
93-27-9002	6202056	1297472	10 2 64	59	18,040	624	305	1	23,920	3.9	5-67		31	607	35
93-27-9002	6335308	1297472	4 30 65	55	18,770	620	305	1	24,750	3.0	12-67		34	614	21
93-27-9029	6268023	1222994	12 2 64	77	17,260	614	305	1	21,790	3.3	7-67		36	730	21
93-27-9029	6244730	1419723	8 6 64	94	18,705	671	305	2	24,895	3.6	3-68		32	798	28
93-27-0054	5852216	1302713	10 20 62	31	17,020	583	305	1	24,640	3.2	1-68		24	777	23
93-27-0072	6171579	1242221	11 17 64	8	19,560	668	305	1	26,260	3.2	1-68		33	1235	39
93-27-0072	5916293	1242221	11 7 63	10	16,560	590	301	1	20,020	3.7	9-67		32	945	36
93-33-9010	6103130	1401205	7 17 64	26	16,415	592	305	2	20,970	3.3	12-67		30	761	15
93-33-9010	5699278	1215958	4 25 62	35	16,160	586	305	1	22,010	3.3	9-67		35	772	21
93-33-9010	5624875	1199324	9 12 61	27	16,335	572	305	2	18,320	3.4	7-67		40	782	24
93-33-9041	5621203	1366010	7 9 62	225	16,420	589	301	4	20,872	3.2	2-68		37	755	19
93-33-9041	5586863	1344345	5 29 62	234	16,250	586	305	3	22,390	3.6	1-67		41	1022	27
93-33-9041	5849406	1397088	6 8 63	226	16,430	589	295	3	20,243	3.2	2-68		36	638	18
93-33-9041	6380726	1242221	4 11 65	269	16,820	601	305	1	23,050	3.7	7-67		32	1168	45
93-33-9041	6489852	1242221	1 25 66	133	16,920	602	305	1	15,910	4.1	1-68		32	591	27
93-33-9045	5884700	1405239	10 7 62	5	17,496	594	305	3	22,870	3.2	7-67		32	1165	32
93-33-9045	5610395	1144239	3 27 62	6	17,896	616	297	3	27,740	3.1	8-67		42	1178	25
93-33-0056	6263994	1339836	12 13 64	46	18,480	651	305	1	23,550	3.6	11-67		28	598	20
93-33-0079	6449988	1380666	9 10 65	28	17,650	613	280	1	21,420	3.2	1-68		26	603	18
93-36-0012	4525485	1060259	8 14 57	28	15,540	598	305	1	23,290	3.5	10-67		36	994	27

93-36-0012	5338302	1314759	11	4	60	21	15,535	583	305	2	20,690	3.8	789	7-67	35	849	27
93-36-0012	5391750	1144239	12	18	59	31	16,980	629	305	2	24,865	3.3	830	1-68	40	832	16
93-36-0012	5780303	1199324	3	21	63	26	16,235	615	297	2	18,090	3.9	710	5-67	40	768	28
93-36-9024	5766367	1395837	2	22	63	37	14,780	541	305	3	17,776	4.6	814	10-67	34	610	51
93-36-9024	5726357	1242221	9	12	62	44	14,610	539	305	3	18,200	3.4	626	9-67	39	1032	32
93-36-9024	6110480	1395837	6	26	64	35	15,070	554	305	2	18,450	4.5	825	2-68	32	616	47
93-36-9024	5907632	1395837	9	20	63	33	15,160	555	305	3	20,793	3.5	722	3-68	34	960	37
93-36-9024	5907637	1395837	9	13	63	35	15,190	562	305	3	18,495	3.6	652	1-68	32	609	26
93-36-9024	6058821	1395837	3	20	64	31	14,895	547	305	2	18,580	4.1	758	4-68	32	650	40
93-36-9219	5907617	1395837	9	9	63	11	15,543	572	300	3	18,840	3.5	655	3-68	34	659	27
93-36-9219	5907615	1395837	6	20	63	8	14,595	545	302	2	19,390	3.6	693	10-67	32	774	33
93-36-9219	5932560	1395837	9	25	63	10	15,386	567	305	3	18,456	3.6	659	4-68	34	627	28
93-36-9243	6102139	1380666	5	9	64	95	17,320	626	305	1	23,850	3.4	812	12-67	26	840	29
93-36-9243	6102137	1380666	3	23	64	80	16,860	626	305	2	21,150	3.7	784	1-68	31	763	31
93-36-9243	6189972	1380666	8	6	64	77	17,080	623	305	2	21,330	3.8	801	2-68	31	761	33
93-36-9243	6189974	1380666	8	17	64	73	17,420	657	305	1	21,930	3.8	825	6-67	26	665	27
93-36-9243	5603998	1376340	2	25	62	68	17,073	630	305	3	20,830	3.8	796	9-67	34	606	27
93-36-9243	5642309	1376340	5	27	62	59	16,873	632	305	3	21,586	3.6	780	7-67	34	729	25
93-36-9243	5789981	1113350	1	4	63	69	16,423	610	305	3	23,920	3.0	728	1-68	42	927	16
93-36-9243	6374278	1380666	6	2	65	91	17,280	645	305	1	25,320	3.5	896	9-67	26	971	34
93-36-0249	5619469	1244011	6	4	62	122	15,300	574	305	1	22,260	3.4	749	1-68	28	705	16
93-37-9014	6345978	1242221	6	13	65	82	16,370	585	305	1	18,120	3.4	613	10-67	32	806	26
93-37-9014	6345976	1242221	6	8	65	87	16,900	608	305	1	17,930	3.9	707	7-67	32	753	32
93-37-9014	6269979	1252231	2	4	65	82	17,180	618	305	1	24,000	3.3	803	6-67	32	607	23
93-37-9014	6326111	1242221	4	3	65	59	16,720	602	294	1	18,290	3.4	629	12-67	32	795	26
93-37-9014	6122964	1311986	6	27	64	77	16,925	606	305	2	21,995	3.3	736	1-68	30	734	18
93-37-9014	6061747	1322863	1	15	64	63	17,030	599	298	2	21,120	3.9	818	12-67	36	683	31
93-37-9014	6457994	1242221	9	30	65	59	16,720	602	305	1	20,670	3.6	754	12-67	32	985	36
93-37-9014	6455974	1242221	8	26	65	59	16,720	602	291	1	18,150	3.3	603	12-67	32	784	24
93-37-9031	6455827	1438016	10	12	64	72	16,740	614	305	1	22,230	3.1	693	6-67	23	762	16
93-37-9031	6455832	1239242	5	1	65	58	17,560	622	305	1	23,880	3.5	828	1-68	36	808	27
93-37-9031	5955020	1271075	10	24	63	66	16,505	589	297	2	18,340	4.0	728	7-67	40	673	31
93-37-9031	6116869	1438016	6	19	64	75	16,950	609	300	2	21,100	3.4	708	6-67	28	701	18
93-37-9031	6262370	1438016	1	28	65	92	16,380	598	305	1	19,980	3.8	761	9-67	23	588	23
93-37-9036	6232417	1413178	8	25	65	25	13,390	474	305	1	23,720	3.2	768	5-67	23	1044	27
93-37-9036	6098361	1413178	6	8	64	24	13,270	482	305	2	18,130	3.4	619	12-67	29	694	18
93-37-9036	6514470	1413178	2	23	66	25	14,020	492	305	1	20,400	3.3	666	2-68	23	700	17
93-39-0001	5512145	1398216	9	7	65	37	19,700	635	303	1	25,190	3.1	781	3-68	35	811	20
93-39-0001	5534805	1320747	11	25	61	43	17,180	576	299	1	25,270	3.0	756	6-67	31	954	25
93-39-0001	5456613	1354967	11	22	61	39	16,670	579	295	2	19,355	3.4	667	4-67	33	617	23
93-39-0001	5825631	1382580	10	7	62	30	17,180	572	305	1	23,700	3.0	701	7-67	23	664	15
93-39-0005	6037440	1389735	10	20	63	13	14,405	536	300	2	19,195	3.5	668	3-68	29	604	20
93-39-0077	6298575	1320747	8	12	64	55	16,890	626	293	2	20,100	3.4	587	12-67	35	635	17
93-39-0077	6288927	1320747	7	25	64	46	16,510	613	305	2	20,370	3.7	744	3-68	35	702	25
93-39-0087	6427707	1331439	7	24	65	17	15,220	532	305	1	19,340	3.1	604	1-68	29	718	15

TABLE 5.—HIGH-RANKING PROGENY OF DHIA Sires: HOLSTEIN—Continued

COW'S LAST HERD CODE	COW'S REGISTRATION NO.	COW'S SIRE REGISTRATION NO.	COW'S BIRTH DATE (Mo.) (Day) (Yr.)		HERDMATES			AVERAGE PRODUCTION OF COW					LAST CALVING (Mo.) (Yr.)		REPEAT- ABILITY (Pct.)	COW INDEX	
			NUM- BER		MILK (Lb.)	FAT (Lb.)	IN MILK (Days)	REC- ORDS	MILK (Lb.)	FAT (Pct.)	FAT (Lb.)	CAR	MILK	FAT			
93-39-0087	6217611	1354967	1	2	65	38	16,250	604	305	1	21,570	3.9	842	5-67	28	767	34
93-40-9002	6115501	1242221	6	9	64	13	18,470	676	305	2	24,805	3.7	911	3-68	37	1340	49
93-40-9002	6115500	1242221	5	10	64	17	18,570	673	305	2	18,835	3.7	692	11-67	36	685	25
93-40-9002	5470730	1242221	8	12	61	14	18,390	660	305	4	22,232	3.7	815	10-67	40	1131	43
93-40-9002	5470731	1242221	9	20	61	15	18,533	671	305	3	22,036	3.6	801	6-67	39	1069	39
93-40-9002	5373424	1242221	7	13	61	14	16,516	606	305	5	22,778	3.7	852	8-67	41	1454	55
93-40-9002	5243488	1230640	7	19	60	13	16,200	601	305	4	20,962	3.7	775	11-66	43	692	24
93-40-9002	6489862	1242221	12	7	65	13	17,060	648	305	1	21,070	3.8	802	3-68	33	1003	37
93-40-9002	6489860	1242221	10	21	65	18	18,070	654	305	1	25,240	4.1	1029	11-67	32	1254	54
93-40-9002	6489859	1242221	10	14	65	15	17,510	636	305	1	24,000	3.5	829	12-67	32	1195	39
93-40-9002	6310557	1242221	1	20	65	18	18,210	662	305	1	18,650	3.8	716	10-67	32	716	29
93-40-9002	6271128	1242221	10	3	64	18	18,210	662	305	1	22,360	3.7	830	10-67	32	1013	38
93-40-9002	6271127	1242221	9	21	64	18	17,790	640	305	1	17,780	4.3	768	6-67	32	677	34
93-40-9002	6380734	1420015	6	5	65	22	19,230	718	305	1	25,580	3.5	883	10-67	26	1012	21
93-40-9002	5812566	1242221	1	24	63	18	17,543	641	305	3	17,650	3.8	663	7-67	39	642	25
93-40-9002	5812568	1242221	2	18	63	17	17,706	655	305	3	19,656	3.7	720	8-67	39	869	31
93-40-9002	5812567	1242221	1	31	63	11	17,413	653	305	3	21,300	3.8	803	4-68	39	1109	41
93-40-9002	5886809	1242221	9	2	63	20	18,320	673	305	2	20,955	3.7	765	7-67	36	937	33
93-40-0019	6380725	1242221	4	8	65	11	16,230	574	305	1	17,860	3.7	665	10-67	32	796	31
93-40-0019	6271126	1242221	8	28	64	8	17,100	611	304	2	20,215	3.5	701	2-68	37	982	33
93-40-0019	6250178	1330362	8	21	64	8	16,860	612	305	2	20,875	3.5	728	3-68	34	659	16
93-40-0019	6063918	1295523	4	27	64	7	17,195	611	296	2	20,470	3.5	707	12-67	37	776	26
93-40-9029	5885043	1199324	5	9	63	33	17,320	610	305	2	19,365	3.4	664	10-67	40	798	24
93-40-9029	5859364	1322863	5	8	63	187	18,145	635	305	2	21,335	3.5	749	3-67	36	599	20
93-40-9029	6495314	1438016	11	2	65	50	19,320	696	305	1	22,650	3.5	792	2-68	23	590	18
93-42-9015	5474182	1357743	9	11	61	34	17,960	679	305	1	25,910	4.1	1074	10-67	34	777	33
93-42-9015	5474181	1357743	8	26	61	18	17,240	645	305	3	22,380	3.7	836	3-68	41	727	25
93-42-9015	5722002	1379917	5	14	62	18	16,907	624	302	4	20,567	3.9	803	3-68	33	720	37
93-42-9015	5906942	1256032	6	12	63	16	17,316	662	304	3	22,446	3.9	873	12-67	32	868	34
93-42-9015	5979233	1295523	10	2	63	22	16,710	619	299	2	20,990	3.6	766	2-67	36	890	33
93-42-9049	5575221	1126307	7	12	61	25	18,147	619	300	4	21,880	3.7	808	5-67	42	613	31
93-42-9049	5138757	1126307	5	31	60	23	18,297	634	299	4	22,182	3.4	756	11-66	42	634	22
93-42-9049	6488445	1299222	9	16	65	43	18,630	653	305	1	23,740	3.4	812	2-68	29	875	28
93-42-9049	6356476	1322863	5	26	65	17	19,410	685	305	1	25,310	3.7	945	1-68	32	739	29
93-49-9101	6358333	1315612	6	7	65	69	17,690	647	305	1	26,320	3.1	811	12-67	34	770	19
93-49-9101	5153347	1315423	8	15	60	83	17,192	647	305	5	21,048	3.6	768	11-67	42	850	21
93-49-9101	4967974	1315423	10	8	59	72	17,113	646	305	6	19,680	3.7	724	11-67	42	674	15
93-49-9101	6011277	1315423	12	31	63	94	17,465	666	305	2	24,950	3.2	808	7-67	33	1233	25
93-49-9101	6121712	1315423	7	3	64	65	17,290	631	303	2	22,410	3.1	694	1-68	37	882	11
93-49-9101	6180811	1271810	8	29	64	78	17,830	643	305	2	22,850	3.4	780	2-68	40	918	23
93-49-9101	6180813	1271810	9	15	64	52	18,850	668	305	1	20,880	3.6	753	3-68	36	580	15
93-49-9280	6159874	1391977	5	11	64	49	18,650	663	305	1	25,700	3.2	825	12-66	29	675	15
93-49-9280	6208146	2759320	7	27	63	38	17,515	602	305	2	24,055	3.6	866	9-67	39	813	34
93-49-9280	6197561	1430516	8	20	64	37	18,390	641	305	2	23,075	3.9	899	1-68	30	691	33
93-49-9280	6197562	1243697	8	21	64	35	18,985	666	305	2	25,975	3.1	811	3-68	40	664	17

93-49-9280	6011379	1295523	1 26 64	36	17,760	621	305	2	21,910	3.8	837	11-67	37	875	39
93-49-9280	4809677	1295523	9 15 58	26	16,515	575	305	2	22,375	3.7	831	10-67	37	1044	42
93-49-9280	4809680	1295523	12 3 58	31	16,480	576	305	2	19,375	3.9	755	10-67	37	728	34
93-49-9280	6563104	2759320	3 11 65	37	16,520	603	305	1	26,640	3.4	893	7-67	34	980	32
93-49-9280	6317410	2759320	9 10 63	29	17,300	598	305	2	23,800	3.7	871	5-67	38	886	38
93-49-9280	5584860	1295523	12 6 61	32	17,093	618	305	3	20,210	3.7	742	1-68	39	796	30
93-49-9281	5951368	1410237	9 29 63	42	17,483	676	298	3	22,796	3.3	750	4-68	33	895	19
93-49-9321	6139592	1410237	8 9 64	57	16,895	609	305	2	22,010	3.4	754	3-68	30	786	25
93-50-0062	6146264	1313170	9 12 64	18	20,455	706	305	2	25,000	3.5	882	2-68	29	836	30
93-50-0062	5779431	1313170	2 21 63	27	19,800	697	305	3	30,333	3.4	1017	1-68	32	1709	52
93-50-0062	5390059	1313170	4 22 61	28	19,452	688	301	5	24,184	3.3	792	3-68	35	998	24
93-50-0062	5390062	1200082	8 20 61	41	18,992	681	303	4	25,680	3.2	832	4-67	44	790	15
93-50-0062	5525855	1313170	11 20 61	28	18,902	669	305	4	25,887	3.6	928	12-67	34	1285	46
93-50-0072	5530011	1354967	1 29 62	29	15,483	566	291	3	18,830	3.3	618	6-67	36	722	20
93-50-0072	5683366	1294552	11 29 62	26	14,460	528	301	1	18,560	3.7	686	10-67	25	613	23
93-50-0084	6284147	1403560	11 17 64	111	15,500	582	305	1	20,960	3.4	720	12-66	26	640	18
93-50-9109	6326141	1341571	1 1 65	41	15,430	550	305	1	20,420	3.6	728	10-67	26	636	35
93-50-9109	6298956	1354967	5 1 65	42	14,480	534	305	1	19,230	3.4	657	6-67	28	704	24
93-50-9109	5694639	1341571	9 26 62	31	14,705	526	302	2	18,170	4.2	756	8-67	32	635	47
93-50-9109	5594073	1341571	3 12 62	36	16,173	590	305	3	24,640	4.3	1049	2-68	34	1305	79
93-50-9109	5845126	1341571	1 5 63	23	14,810	546	305	3	19,786	3.8	756	1-68	34	829	46
93-50-9109	5845129	1341571	2 12 63	32	14,270	519	305	3	19,940	3.9	771	9-67	34	922	51
93-50-9109	5299188	1341571	2 11 61	42	15,486	562	305	3	23,390	4.2	991	12-67	34	1231	74
93-50-9141	4982446	1294816	11 26 59	139	14,937	537	305	4	19,167	3.7	700	6-67	37	608	21
93-50-9141	4499589	1117035	11 9 57	151	14,766	535	305	3	22,836	3.6	812	8-67	37	841	32
93-50-9141	5862807	1305460	3 28 63	145	14,830	544	305	3	20,806	3.2	664	9-67	42	821	13
93-50-9141	5769348	1355529	2 6 63	120	15,946	575	305	3	20,630	3.4	702	3-68	34	629	15
93-50-9141	5874239	1305460	4 9 63	136	14,993	548	305	3	18,986	3.8	718	10-67	42	591	19
93-50-9141	5874241	1305460	5 21 63	136	15,040	550	305	3	20,776	3.4	705	10-67	42	795	18
93-50-9141	6256266	1427197	11 5 64	184	14,960	538	305	1	20,390	3.6	738	1-67	23	649	24
93-50-9141	6138784	1427197	5 23 64	176	16,095	576	305	2	20,150	3.6	717	4-68	29	609	22
93-50-9141	6138777	1397517	5 8 64	124	14,500	535	305	1	22,940	3.6	823	9-67	34	641	27
93-50-9149	5906775	1377955	8 13 63	153	15,923	570	305	3	21,733	3.2	694	3-68	34	799	18
93-50-9149	6103372	1384372	6 6 64	27	16,775	627	305	2	22,060	3.6	795	12-67	32	591	21
93-50-9149	6319714	1320310	11 17 64	32	17,035	627	305	2	18,045	3.8	689	2-68	40	815	26
93-50-9149	5289305	1320747	2 8 61	29	16,370	620	305	4	19,180	3.4	658	3-68	39	642	16
93-50-9162	6143744	1396885	1 26 64	26	14,390	537	305	1	18,080	3.5	627	5-67	28	598	18
93-50-9162	6202798	1244009	7 24 64	19	15,110	546	305	1	22,190	3.1	691	10-67	36	970	21
93-50-9162	6011377	1295523	1 7 64	17	14,600	533	305	1	17,260	4.3	736	9-67	33	635	32
93-50-9162	5852554	1386287	6 26 63	29	17,300	605	305	3	23,050	3.5	808	12-67	35	1032	33
93-50-9162	5610539	1386287	5 21 62	28	15,853	554	289	3	21,863	3.5	764	6-67	35	1047	33
93-50-9165	5724533	1283917	11 6 62	40	19,790	683	304	4	23,887	3.3	787	1-68	44	877	15
93-50-9165	5885044	1199324	5 15 63	29	18,095	649	302	2	22,210	3.5	771	12-67	40	1016	31
93-50-9165	6002837	1407724	12 28 63	36	19,050	667	305	2	23,575	3.3	777	2-68	30	657	15
93-50-9165	0190519	1427381	12 20 64	42	18,800	664	305	1	26,320	3.4	883	1-67	24	1455	49

TABLE 5.—HIGH-RANKING PROGENY OF DHIA SIRE: HOLSTEIN—Continued

COW'S LAST HERD CODE	COW'S REGISTRATION NO	COW'S SIRE REGISTRATION NO.	COW'S BIRTH DATE (Mo.) (Day) (Yr.)	HERDMATES			AVERAGE PRODUCTION OF COW				LAST CALVING		REPEAT- ABILITY (Pct.)	COW INDEX	
				NUM- BER	MILK (Lb.)	FAT (Lb.)	IN MILK (Days)	REC- ORDS	MILK (Lb.)	FAT (Pct.)	(Mo.) (Yr.)	CAR		MILK	FAT
93-50-9165	6107233	1427381	5 30 64	46	18,285	640	305	2	22,610	3.6	10-67		29	1228	49
93-50-9165	6107235	1427381	6 19 64	35	17,560	601	305	1	27,480	3.0	6-67		29	1658	50
93-50-9165	6107232	1427381	4 1 64	34	18,225	623	305	2	20,425	4.0	7-67		29	994	50
93-50-9165	6106084	1427381	2 11 64	30	18,940	648	305	2	28,615	3.7	6-67		29	1896	78
93-50-9165	6107234	1427381	6 16 64	50	18,355	644	305	2	20,110	4.2	10-67		29	922	51
93-50-9165	6172695	1427381	9 30 64	31	18,030	611	305	1	27,340	3.2	5-67		24	1608	54
93-50-9165	6172694	1427381	9 27 64	43	18,760	662	305	2	25,540	3.5	12-67		29	1527	57
93-50-9165	5396492	1276654	6 24 61	34	19,796	681	305	3	24,846	3.0	7-67		42	801	12
93-50-9165	5071358	1289574	11 1 59	11	16,784	634	305	5	22,232	3.5	3-68		44	800	22
93-50-9165	6407198	1427381	8 26 65	29	18,690	656	305	1	23,310	3.7	12-67		24	1172	48
93-50-9165	6407197	1427381	8 16 65	37	18,420	644	305	1	20,830	3.7	11-67		24	971	41
93-50-9165	6292633	1427381	1 25 65	31	18,030	611	305	1	26,240	3.3	5-67		24	1509	51
93-50-9165	6292631	1427381	1 16 65	29	18,560	629	259	2	19,440	3.3	2-68		30	854	31
93-50-9165	6292632	1427381	1 19 65	31	18,030	611	305	1	25,830	3.5	5-67		24	1473	55
93-50-9165	6292636	1427381	3 23 65	35	17,560	601	305	1	21,070	3.9	6-67		24	1085	48
93-50-9165	6292634	1427381	3 10 65	33	17,660	604	305	1	21,800	3.7	7-67		24	1142	47
93-50-9165	6292635	1427381	3 23 65	33	17,660	604	305	1	23,880	3.5	7-67		24	1328	50
93-50-9165	6349979	138586	8 1 65	21	19,830	689	305	1	25,580	3.2	1-68		24	719	17
93-50-9165	6333028	1427381	4 12 65	33	17,660	604	305	1	23,670	3.5	7-67		24	1309	48
93-50-9165	6333029	1427381	4 16 65	33	17,660	604	305	1	18,930	3.5	7-67		24	885	34
93-50-9165	6333032	1427381	7 2 65	28	17,470	601	305	1	19,390	3.8	8-67		24	941	42
93-50-9165	6496607	1282936	2 6 66	60	16,210	581	305	1	23,390	3.4	12-67		34	924	30
93-50-9208	5846590	1366238	4 28 63	90	17,200	593	305	2	21,725	4.0	12-67		29	637	40
93-50-9208	5846591	1366238	5 8 63	95	17,520	607	305	2	23,905	3.3	778		29	854	28
93-50-9213	6494140	1450228	2 11 66	30	19,600	705	305	1	27,610	3.6	4-68		24	1040	36
93-50-9213	5167666	1340669	10 6 60	41	19,305	709	299	2	23,905	3.4	4-68		40	798	12
93-50-9258	5144729	1273726	3 6 60	149	15,920	565	305	4	19,382	3.4	12-67		38	696	17
93-50-9258	5552318	1327405	10 11 61	128	16,052	566	305	4	22,567	3.3	7-67		35	1009	28
93-50-9258	5475161	1327405	8 28 61	109	16,100	567	305	4	20,222	3.7	2-68		37	586	27
93-50-9258	5475170	1240549	9 15 61	131	15,592	548	298	4	21,190	3.4	1-67		44	784	25
93-50-9258	6481870	1240549	11 12 64	157	17,740	626	305	1	24,160	3.6	5-67		36	584	23
93-50-9258	6491210	1242221	3 26 65	160	18,170	649	305	1	21,610	3.6	8-67		32	956	34
93-50-9258	6511028	1382958	11 4 63	154	17,470	619	305	2	22,575	3.6	6-67		35	631	23
93-50-9258	6522022	1399607	12 27 64	170	17,540	619	304	1	28,070	3.5	5-67		25	1461	49
93-50-9258	6469055	1416774	5 30 64	93	18,115	633	305	2	22,830	3.4	4-68		29	629	20
93-50-9258	5850521	1399607	12 29 62	159	16,016	568	305	3	21,060	3.5	6-67		33	1147	38
93-50-9258	5850520	1399607	12 23 62	128	16,780	591	301	3	17,863	3.5	2-68		34	590	19
93-50-9258	5849325	1304593	2 20 63	134	15,906	568	305	3	22,586	3.4	9-67		33	822	27
93-50-9258	5850518	1399607	12 14 62	152	16,133	573	305	3	21,753	3.3	7-67		33	1225	35
93-50-9258	5855642	1399607	4 2 63	113	16,206	578	305	3	22,203	3.4	12-67		34	1269	39
93-50-9258	5850519	1399607	12 16 62	160	15,843	563	300	3	21,013	3.6	6-67		33	1161	41
93-50-9258	5788341	1327405	5 4 62	106	16,030	564	284	3	20,426	3.7	5-67		34	668	28
93-50-9258	5788394	1382958	11 29 62	121	16,203	577	304	3	23,690	3.5	10-67		38	948	30
93-50-9258	5788376	1399607	8 17 62	156	16,303	574	299	3	17,773	3.8	5-67		33	675	28
93-50-9258	5788384	1399607	10 14 62	119	16,136	574	303	3	20,643	3.5	9-67		33	1077	35

93-50-9258	5788381	1399607	9 25 62	156	16,303	574	305	3	24,823	3.2	797	5-67	33	1613	45
93-50-9258	5788379	1399607	9 28 62	156	16,303	574	300	3	18,283	3.5	632	5-67	33	743	23
93-50-9258	5788360	1382958	8 8 62	98	16,330	595	305	4	24,362	3.3	812	3-68	39	1016	29
93-50-9258	5788377	1399607	9 15 62	115	15,886	563	282	3	17,170	3.4	578	8-67	33	645	17
93-50-9258	6168459	1237822	5 4 64	135	17,885	631	302	2	22,205	3.6	789	1-68	30	612	22
93-50-9258	6121704	1346373	6 2 64	139	17,920	632	305	2	23,810	3.4	802	1-68	31	693	22
93-50-9258	6150513	1399607	5 8 64	124	17,980	632	305	2	20,420	3.5	707	2-68	31	764	24
93-50-9258	6148791	1327405	3 10 64	128	16,890	590	305	1	22,540	3.5	791	1-67	26	582	18
93-50-9258	6148805	1237822	2 6 64	139	17,695	626	305	2	22,335	3.4	752	12-67	30	648	18
93-50-9258	5988796	1327405	9 26 63	136	17,280	613	305	2	21,670	3.6	776	7-67	31	615	23
93-50-9258	6000203	1410178	11 6 63	178	17,115	606	305	2	22,215	3.5	771	6-67	30	700	23
93-50-9258	6032414	1399607	12 19 63	133	17,295	614	287	2	23,660	3.4	808	8-67	30	1253	39
93-50-9258	5949364	1382958	5 27 63	111	16,370	583	304	3	23,353	3.3	775	12-67	38	887	24
93-50-9258	5949371	1240549	4 22 63	130	15,530	549	305	2	21,520	3.6	775	12-66	40	699	27
93-50-9258	5980401	1399607	6 13 63	120	16,190	578	305	3	25,403	3.3	843	11-67	34	1693	50
93-50-9258	5980400	1382958	8 16 63	132	17,285	610	305	2	22,210	3.4	749	5-67	35	609	17
93-50-9261	6032538	1410848	11 19 63	28	17,860	636	305	2	22,870	3.1	716	5-67	29	858	15
93-50-9261	5877736	1199324	7 24 63	23	17,953	653	305	3	18,536	3.7	690	1-68	42	652	23
93-50-9261	5683749	1199324	2 22 62	25	17,565	646	305	2	20,440	3.8	771	12-67	40	885	32
93-50-9261	6637216	1417208	11 14 65	37	16,170	576	304	1	22,560	3.6	809	3-68	35	877	34
93-50-9261	6637218	1417208	11 19 65	34	16,180	576	305	1	19,200	3.6	695	4-68	35	623	25
93-50-9261	5431497	1199324	8 14 61	30	17,446	623	305	3	25,413	3.5	897	10-67	42	1495	50
93-50-9261	5315183	1329588	11 14 60	27	17,735	621	305	2	21,505	3.5	761	7-67	40	672	22
93-50-9261	6283967	1410848	8 1 64	29	17,320	643	305	2	20,365	3.6	725	11-67	30	586	15
93-50-0324	6037044	1295523	12 26 63	25	16,430	588	305	2	18,960	3.4	640	1-68	37	688	21
93-50-0324	6037045	1295523	1 5 64	25	16,430	588	301	2	18,660	3.9	726	1-68	37	657	30
93-50-0324	6108326	1295523	1 30 64	33	16,590	597	305	2	18,225	4.2	769	11-67	37	595	34
93-50-0324	6233577	1295523	7 14 64	33	16,420	601	305	1	18,410	3.6	659	12-66	32	605	22
93-50-0396	6363902	1330987	3 23 65	16	14,150	518	305	1	18,330	3.9	706	7-67	36	666	33
93-50-0403	6605425	1299222	8 18 65	20	14,970	558	305	1	17,710	3.3	587	2-68	29	648	16
93-50-0426	6176798	1259934	7 2 64	49	16,200	573	305	1	26,540	3.1	820	11-67	25	855	20
93-50-9667	6880522	1427381	8 15 65	25	14,320	502	305	1	17,890	3.5	618	10-67	24	1038	39
93-50-9667	6273236	1427381	1 6 65	29	13,710	457	243	1	18,740	4.1	764	8-67	24	1186	55
93-50-9667	6273235	1427381	1 5 65	37	13,820	455	305	1	20,070	3.4	684	7-67	24	1296	48
93-50-9667	6273234	1427381	1 3 65	29	13,710	457	305	1	21,930	3.7	820	8-67	24	1472	60
93-50-9667	6076052	1295523	1 11 64	22	14,215	497	305	2	21,855	3.1	687	1-68	37	1209	35
93-50-9667	6517651	1427381	7 20 65	25	13,630	449	305	1	19,870	3.7	728	9-67	24	1294	52
93-50-9667	6567094	1427381	3 4 65	29	13,710	457	305	1	20,160	3.2	640	8-67	24	1313	44
93-50-9667	4795031	1290011	1 16 59	19	15,536	558	305	5	18,296	3.5	649	1-68	36	587	20
93-51-9015	5885572	1244009	9 11 63	81	14,410	508	305	2	17,655	3.6	634	6-67	40	743	22
93-54-9021	6373174	1298309	4 25 65	5	12,340	482	305	1	20,030	3.6	718	9-67	32	653	23
93-54-9078	6107152	1343644	2 6 64	20	16,985	619	305	2	21,725	3.4	728	11-67	30	743	17
93-54-0094	6364054	1242221	2 6 65	44	14,730	560	305	1	18,510	3.6	664	9-67	33	966	32
93-54-9195	5623188	1322863	2 24 62	24	14,602	503	304	4	17,905	3.3	591	9-67	40	621	17
93-54-9195	6082949	1239242	9 5 63	21	15,310	523	295	2	19,635	3.1	612	8-67	40	745	19

TABLE 5.—HIGH-RANKING PROGENY OF DHIA SIRE: HOLSTEIN—Continued

COW'S LAST HERD CODE	COW'S REGISTRATION NO.	COW'S SIRE REGISTRATION NO.	COW'S BIRTH DATE (Mo.) (Day) (Yr.)	HERDMATES			AVERAGE PRODUCTION OF COW				LAST CALVING		REPEAT- ABILITY (Pct.)	COW INDEX	
				NUM- BER	MILK (Lb.)	FAT (Lb.)	IN MILK (Days)	REC- ORDS	MILK (Lb.)	FAT (Pct.)	(Mo.) (Yr.)	CAR		MILK	FAT
93-54-0269	6116762	1322863	11 11 63	5	10,195	356	302	2	17,010	3.5	594	7-67	36	885	30
93-57-9005	6174566	1413947	7 5 64	60	14,845	525	305	2	19,785	3.3	656	3-68	29	715	20
93-57-9005	6670890	1236721	3 17 66	65	14,880	520	305	1	18,190	3.5	637	3-68	26	653	25
93-57-9005	5354544	1299238	1 24 61	51	15,078	546	299	5	19,292	3.3	630	2-68	36	790	15
93-57-9005	5501703	1299238	7 27 61	59	14,842	545	305	4	21,177	3.2	685	6-67	35	1068	23

TABLE 6.—HIGH-RANKING PROGENY OF DHIA SIRES: JERSEY

COW'S LAST HERD CODE	COW'S REGISTRATION NO.	COW'S SIRE REGISTRATION NO.	COW'S BIRTH DATE (Mo.) (Day) (Yr.)	HERDMATES			AVERAGE PRODUCTION OF COW					LAST CALVING		REPEAT- ABILITY (Pct.)	COW INDEX	
				NUM- BER	MILK (Lb.)	FAT (Lb.)	IN MILK (Days)	REC- ORDS	MILK (Lb.)	FAT (Pct.)	FAT (Lb.)	(Mo.) (Yr.)	CAR		MILK	FAT
11-10-0003	2571930	569266	10 3 63	11	10,246	543	297	3	13,246	5.6	747	11-67		39	430	34
11-10-0003	2571929	569266	9 28 63	11	10,390	542	305	3	13,433	5.8	775	1-68		39	437	37
11-10-0003	2536291	569266	7 18 63	11	10,066	538	304	3	12,590	5.1	645	10-67		39	370	22
11-10-0003	2491511	569266	6 22 62	11	10,260	544	298	4	14,290	4.9	695	11-67		41	589	28
11-10-0008	2540708	577958	6 25 63	11	10,943	552	305	3	16,420	4.4	719	12-67		40	776	16
11-10-0008	2584075	546137	11 17 64	11	11,590	557	300	2	13,205	6.0	791	1-68		40	468	41
11-10-0008	2608064	571382	7 18 65	7	7,820	387	305	1	11,600	5.0	580	9-67		33	715	21
11-10-0008	2451081	571951	11 8 61	10	10,706	543	302	5	15,336	4.3	658	4-68		43	755	23
11-10-0008	2649308	571382	11 17 65	7	10,510	538	305	1	14,780	4.1	599	12-67		33	774	11
11-10-0110	2550338	535415	7 13 57	21	11,186	561	299	9	13,462	5.1	683	3-68		37	411	22
11-10-0110	2491070	592073	6 19 62	41	11,097	548	303	4	13,165	5.2	688	1-68		40	432	34
11-10-0170	2584452	571951	6 13 64	5	8,790	453	289	2	11,780	5.7	674	7-67		38	435	30
11-10-0187	2603510	546137	10 2 64	9	10,660	549	288	2	11,865	5.1	605	12-67		40	417	23
11-11-0024	2592346	546137	10 23 64	33	9,620	473	305	2	10,480	5.3	551	10-67		40	371	24
11-11-0024	2562085	571951	11 26 63	29	9,790	490	288	3	13,506	4.7	630	10-67		41	570	24
11-11-0024	2639083	571382	10 4 65	22	9,640	466	305	1	11,510	4.4	509	12-67		33	580	9
11-12-0008	2639132	571382	12 23 65	28	10,760	581	305	1	13,420	4.5	610	11-67		33	651	9
11-12-0008	2639128	571382	10 27 65	35	11,030	581	302	1	13,120	4.3	560	9-67		33	608	6
11-12-0008	2533695	577958	9 2 63	28	11,140	562	304	3	16,643	4.4	732	7-67		40	781	16
11-12-0008	2533694	577958	8 16 63	24	11,400	571	305	3	15,663	4.4	691	6-67		40	636	11
11-12-0008	2609854	596832	9 2 65	28	11,970	619	305	1	14,890	5.0	746	2-68		27	508	20
11-12-0008	2568943	546137	7 21 64	26	11,695	574	305	2	13,475	5.8	784	5-67		40	486	38
11-12-0008	2568942	546137	7 21 64	29	11,620	573	305	2	14,815	5.7	702	6-67		40	630	30
11-12-0008	2435218	585355	1 1 61	26	10,583	567	300	6	14,123	5.0	710	1-68		39	726	32
11-12-0022	2575840	598125	10 11 64	23	9,885	471	305	2	11,755	5.2	614	3-68		35	387	22
11-12-0022	2609506	592073	8 2 65	37	9,310	447	305	1	11,750	5.0	588	9-67		32	378	25
11-12-0064	2705083	590907	7 10 63	10	8,880	426	195	2	11,960	4.8	577	12-67	8	29	512	20
11-12-0069	2576759	571951	5 16 64	12	7,390	384	298	2	10,240	5.5	562	8-67		38	405	25
11-12-0069	2511238	592073	12 10 62	12	7,967	408	300	4	10,212	5.2	535	11-67		40	441	28
11-15-0041	2581859	546137	10 29 64	25	10,425	542	293	2	14,270	5.5	789	11-67		40	684	42
11-15-0041	2630149	563813	9 17 65	20	10,540	552	305	1	15,220	4.8	728	11-67		35	531	21
11-15-0041	2478681	592073	1 12 62	24	11,032	572	300	4	13,350	5.5	738	11-67		40	490	35
11-15-0041	2653424	563813	10 30 65	20	10,540	552	305	1	13,710	5.2	719	11-67		35	417	21
11-18-0004	2445271	497574	9 22 61	6	10,640	570	302	3	11,010	5.9	652	3-67		42	445	25
11-18-0004	2548195	497574	11 4 63	5	10,960	579	305	2	13,550	5.3	712	3-67		40	679	30
11-18-0031	2468069	571951	12 23 61	14	9,016	475	294	5	10,846	5.7	616	2-68		43	360	26
11-18-0031	2391858	569266	1 31 60	12	8,715	466	285	6	11,211	5.2	578	10-67		42	385	23
11-21-0037	2574881	569266	10 30 64	16	9,935	512	305	2	14,375	4.9	703	1-68		37	536	29
11-23-0092	2330083	585327	4 13 59	34	10,210	513	304	6	13,598	5.3	716	7-67		37	487	30
11-23-0092	2468413	589477	10 4 61	37	10,092	508	305	4	14,375	4.4	627	12-67		41	619	18
11-23-0092	2664804	592073	11 12 65	39	9,660	469	305	1	13,030	4.9	635	11-67		32	455	27
12-11-0103	2572358	546137	9 6 64	21	9,340	470	305	2	11,440	5.0	570	9-67		40	495	26
12-11-0103	2572362	546137	11 5 64	21	9,340	470	305	2	13,675	4.5	610	9-67		40	723	30
12-11-0103	2616820	546137	10 25 65	17	9,100	461	305	1	10,110	5.8	588	11-67	8	35	371	27
12-11-0117	2492248	546137	11 26 62	17	8,536	426	281	3	9,630	5.2	496	11-67		42	392	23

TABLE 6.—HIGH-RANKING PROGENY OF DHIA SIRE: JERSEY—Continued

COW'S LAST HERD CODE	COW'S REGISTRATION NO.	COW'S SIRE REGISTRATION NO.	COW'S BIRTH DATE (Mo.) (Day) (Yr.)	HERDMATES			AVERAGE PRODUCTION OF COW				LAST CALVING		REPEAT- ABILITY (Pct.)	COW INDEX	
				NUM- BER	MILK (Lb.)	FAT (Lb.)	IN MILK (Days)	REC- ORDS	MILK (Lb.)	FAT (Pct.)	(Mo.) (Yr.)	CAR		MILK	FAT
12-12-0174	2706002	557682	12 5 63	29	8,860	447	305	2	11,620	4.8	10-67		38	585	16
12-12-0174	2711866	546137	10 3 64	26	9,610	477	305	1	11,620	5.0	8-67		35	450	25
12-13-0181	2656752	577474	10 31 65	20	9,720	507	305	1	13,250	5.3	11-67		33	505	22
12-13-0200	2627212	557682	8 9 65	20	9,550	490	305	1	14,200	5.1	11-67		34	680	23
12-13-0200	2627209	598125	2 26 65	26	10,520	534	305	1	15,340	5.0	12-67		30	591	26
12-13-0200	2627217	557682	9 9 65	15	9,880	508	305	1	13,470	4.9	12-67		34	600	17
12-13-0200	2580563	557682	8 25 64	23	9,910	499	301	2	13,140	4.9	11-67		38	645	20
12-13-0200	2531554	577474	8 19 63	18	10,280	512	266	3	12,806	4.7	3-68		39	508	20
12-15-0169	2556666	557682	12 11 63	14	9,750	515	305	2	12,300	4.7	10-67		38	573	11
12-15-0169	2556667	557682	12 14 63	14	10,435	548	298	2	12,585	5.5	3-67		38	538	21
12-17-0133	2584723	557682	11 6 63	34	8,710	451	296	2	11,925	5.1	8-67		38	631	21
12-17-0133	2654183	571382	1 16 66	28	9,110	499	305	1	11,140	4.8	12-67		33	589	9
12-17-0135	2609510	598150	8 6 65	5	11,770	584	305	1	16,580	4.4	11-67		22	628	20
12-17-0135	2609511	598150	8 30 65	5	13,280	649	305	1	20,150	4.4	12-67		22	829	30
12-18-0108	2576248	588352	8 11 62	7	9,700	484	295	3	13,240	4.9	4-68		32	552	28
12-18-0108	2548105	570824	12 5 62	15	10,266	505	298	3	14,266	5.1	9-67		40	485	26
12-18-0108	2548104	557682	11 29 62	15	10,306	512	299	3	12,603	4.7	9-67		41	576	15
12-18-0113	2579881	557682	11 19 64	19	9,870	513	305	1	12,960	5.1	2-67		34	562	16
12-18-0113	2499457	564125	10 22 62	6	8,910	482	252	3	13,260	4.6	6-67	B	42	608	18
12-18-0178	2521734	580834	2 15 63	22	10,420	524	299	3	14,283	4.3	9-67		35	733	19
12-18-0178	2573103	580834	9 10 64	15	10,430	530	305	2	13,500	5.2	3-68		32	590	26
13-01-0261	2628383	577484	4 16 59	8	8,815	429	303	2	13,590	4.6	3-68		29	672	26
13-01-0261	2628386	577484	5 25 61	7	8,790	437	305	2	11,875	4.9	3-68		29	467	21
13-01-0407	2619724	588103	4 13 64	24	8,865	463	305	2	12,230	4.7	11-67		32	564	15
13-01-0407	2585628	588103	7 2 64	26	8,910	462	299	2	12,250	4.2	10-67		32	562	9
13-02-0041	2547410	591319	8 10 63	34	9,530	497	305	3	11,793	5.5	11-67		34	375	22
13-03-0120	2630361	546137	10 15 65	13	9,700	492	305	1	11,150	5.2	10-67		35	408	24
13-03-0223	2562606	577474	2 14 64	13	8,240	426	305	2	9,785	6.0	11-67		37	363	23
13-03-0331	2547438	570050	8 14 63	33	9,760	494	305	3	14,213	5.2	11-67		41	566	31
13-03-0331	2502651	591759	12 8 62	23	9,597	494	286	4	12,080	5.3	11-67		36	467	24
13-06-0455	2451054	585355	11 22 61	21	9,834	515	297	5	12,592	5.0	3-68		39	603	28
13-06-0455	2482518	586849	1 17 62	18	9,790	496	295	4	12,400	5.2	7-67		35	493	27
13-06-0455	2656471	571382	10 30 65	32	9,150	445	305	1	11,920	4.6	10-67		33	647	14
13-06-0476	2624311	546137	5 12 65	10	9,340	470	305	1	11,240	4.9	9-67		35	440	23
13-06-0615	2511641	557682	12 15 62	16	9,505	457	298	4	11,787	4.3	8-67		42	580	10
13-06-0615	2527453	557682	3 16 63	19	9,643	462	303	3	12,410	4.1	8-67		41	624	9
13-06-0615	2511639	560227	10 18 62	17	9,477	446	301	4	12,497	4.4	8-67		40	609	19
13-08-0022	2624932	571291	9 9 62	11	9,000	502	305	3	12,343	5.0	10-67	H	42	537	20
13-09-0003	2543483	563813	10 13 63	51	10,116	505	304	3	12,620	5.4	9-67		42	458	27
13-09-0003	2577246	585355	4 2 62	43	10,000	495	305	2	11,475	5.7	8-67		34	390	29
13-09-0033	2459572	585348	9 30 61	49	9,798	498	299	5	12,906	4.7	11-67		43	617	17
13-09-0003	2214604	563813	6 28 57	53	9,487	489	301	8	11,271	5.6	9-67		44	388	26
13-09-0003	2656577	571382	11 30 65	54	10,330	512	305	1	13,130	4.1	12-67		33	658	9
13-09-0010	2551984	563813	12 14 63	17	10,693	551	288	3	12,466	5.3	11-67		42	379	20
13-09-0010	2498677	571291	12 24 62	16	10,505	545	302	4	13,965	4.7	11-67		43	594	21

13-09-0010	2498674	579169	11	1 62	8	10,245	514	296	4	12,777	5.5	701	1-68	37	460	32
13-09-0013	2432507	546137	1	29 61	14	9,814	500	305	5	11,616	4.7	551	12-67	44	506	22
13-09-0139	2627262	595217	2	20 65	7	9,695	519	305	2	14,370	4.5	643	4-68	29	686	20
13-09-0139	2627263	595217	3	7 65	7	9,695	519	305	2	12,820	5.1	652	3-68	29	499	21
13-09-0325	2670626	576127	10	23 65	10	8,330	422	305	1	11,030	5.7	629	12-67	33	390	26
13-09-0325	2670627	576127	10	28 65	15	7,990	404	305	1	12,030	4.6	557	10-67	33	494	22
13-09-0409	2665936	571382	6	12 65	60	10,130	513	305	1	14,860	3.8	571	10-67	33	806	11
13-09-0409	2677750	571382	9	22 65	60	10,130	513	305	1	12,850	4.7	599	10-67	33	650	13
13-09-0409	2510195	567654	12	19 62	46	10,660	540	293	3	13,726	5.0	680	10-67	33	511	23
13-09-0409	2584929	596832	10	10 64	59	10,195	516	305	2	13,590	4.9	671	10-67	32	606	23
13-09-0409	2421457	567654	2	3 61	22	10,372	535	302	4	16,772	3.8	640	7-67	35	1015	19
13-09-0409	2421451	567654	12	25 59	27	10,270	533	305	5	14,502	4.4	638	7-67	36	728	20
13-09-0420	2642025	546137	7	1 65	18	9,760	488	301	1	12,930	5.3	688	11-67	35	539	32
13-09-0532	2356408	577244	9	12 59	14	9,645	535	305	7	13,384	5.3	716	11-67	36	580	32
13-09-0802	2528065	546137	8	21 63	10	9,200	481	301	3	11,330	5.3	602	8-67	42	520	30
13-09-0802	2612185	571382	9	21 65	15	9,820	517	305	1	12,000	4.5	544	11-67	33	606	9
13-09-0802	2546208	589641	11	21 63	13	10,216	545	305	3	14,210	4.2	593	12-67	34	561	7
13-09-0802	2546207	546137	11	13 63	15	9,810	510	305	1	12,160	5.4	655	11-67	35	477	28
13-09-0808	2506886	567370	11	12 62	27	9,763	529	305	3	12,936	5.6	728	4-67	42	607	30
13-09-0808	2506868	567370	8	3 62	46	9,185	492	302	4	12,805	5.0	638	10-67	43	672	24
13-09-0811	2535823	567370	11	13 62	25	9,246	517	289	3	12,333	4.8	588	10-66	42	591	15
13-10-0004	2584083	560800	9	21 64	28	10,490	547	298	2	13,455	4.2	568	11-67	40	610	12
13-10-0004	2584091	546137	1	28 65	27	10,230	540	305	1	12,880	5.4	695	11-67	35	503	29
13-10-0004	2584089	546137	1	10 65	32	10,080	532	287	1	11,600	5.5	641	9-67	35	417	26
13-10-0004	2584087	546137	12	14 64	25	10,475	539	303	2	11,435	5.7	651	10-67	40	390	28
13-10-0009	2590326	557682	10	19 64	33	9,140	477	305	1	12,280	4.1	504	3-67	34	560	7
13-10-0009	2460351	583521	4	10 60	20	9,426	496	304	6	12,500	5.1	640	10-67	36	639	27
13-10-0035	2542991	591147	2	3 63	23	10,533	536	305	3	15,046	4.3	644	3-68	41	624	18
13-10-0036	2578913	546137	1	16 65	8	7,710	373	305	1	11,360	4.7	537	12-67	35	560	29
13-12-0108	2609413	571382	8	20 65	23	9,660	489	298	1	13,910	4.2	586	9-67	33	766	14
13-12-0114	2580203	563813	8	29 64	13	8,785	455	293	2	10,830	5.7	613	5-67	40	364	23
13-12-0114	2485012	555208	9	13 62	18	9,900	513	295	4	12,127	4.9	595	1-68	38	456	24
13-12-0114	2449135	566264	11	25 61	15	9,570	502	301	4	11,927	5.4	647	12-67	41	410	20
13-12-0137	2406445	546137	8	15 60	16	9,026	442	282	6	11,516	4.4	507	10-67	44	586	23
13-12-0244	2548775	574191	11	2 63	25	9,810	502	296	3	14,166	4.4	630	4-68	41	595	16
13-13-0019	2533356	574470	5	31 63	54	8,870	456	297	3	11,886	5.0	593	11-67	39	567	22
13-13-0019	2493150	574470	8	31 62	53	9,205	473	303	4	12,865	5.3	685	10-67	40	677	33
13-14-0117	2584104	546137	7	21 62	38	8,610	437	295	2	10,805	5.7	618	10-67	40	497	34
13-14-0143	2553680	564125	9	25 62	10	8,933	471	295	3	11,373	5.3	606	11-67	42	361	20
13-14-0143	2658433	571382	11	13 65	17	9,190	483	305	1	11,510	5.2	600	11-67	33	612	15
13-14-0170	2637991	571382	9	5 65	23	11,060	546	305	1	12,890	4.6	594	8-67	33	588	10
13-14-0170	2637987	571382	9	6 65	26	11,210	550	305	1	14,240	4.3	617	9-67	33	683	12
13-14-0170	2637984	571382	10	18 65	26	11,210	550	305	1	12,740	4.5	576	9-67	33	566	9
13-14-0170	2456841	546137	10	9 61	27	11,392	581	299	5	12,318	5.6	690	10-67	44	412	31
13-14-0202	2572388	594788	5	19 64	42	8,545	465	305	2	11,500	5.1	582	6-67	30	381	21

TABLE 6.—HIGH-RANKING PROGENY OF DHIA SIRE: JERSEY—Continued

COW'S LAST HERD CODE	COW'S REGISTRATION NO.	COW'S SIRE REGISTRATION NO.	COW'S BIRTH DATE (Mo.) (Day) (Yr.)	HERDMATES			AVERAGE PRODUCTION OF COW				LAST CALVING		REPEAT- ABILITY (Pct.)		COW INDEX	
				NUM- BER	MILK (Lb.)	FAT (Lb.)	IN MILK (Days)	REC- ORDS	MILK (Lb.)	FAT (Pct.)	(Mo.) (Yr.)	CAR			MILK	FAT
13-14-0202	2572394	594788	7 30 64	44	8,490	463	305	2	11,960	5.6	672	7-67	30	442	31	
13-14-0212	2536200	577474	8 9 63	13	10,580	569	305	3	13,943	4.8	672	3-68	39	613	22	
13-14-0212	2366662	557682	9 10 59	11	10,328	544	303	5	12,550	4.2	602	2-67	43	592	13	
13-14-0212	2311058	557682	10 4 58	10	10,631	564	303	7	13,860	5.2	718	4-67	43	730	26	
13-14-0214	2409330	585661	2 26 61	8	10,786	572	298	6	13,770	5.0	685	3-68	36	540	21	
13-14-0214	2541080	585661	12 17 61	7	10,582	558	298	4	13,195	5.1	673	4-68	35	468	20	
13-14-0316	2550903	574470	5 4 63	24	9,860	533	302	3	13,506	5.1	689	10-67	39	656	25	
13-14-0316	2627776	577474	2 16 65	24	9,590	504	302	1	11,510	5.9	674	9-67	33	377	21	
13-14-0329	2306508	577958	10 9 58	17	9,384	502	305	5	13,620	4.7	637	6-67	42	668	13	
14-10-0002	2403919	572331	1 5 61	68	11,074	589	305	5	12,922	5.0	649	7-67	38	645	24	
14-10-0002	2384543	497574	7 8 60	60	10,990	581	304	4	12,217	5.3	644	8-67	43	553	23	
14-10-0002	2330501	572331	7 18 59	83	11,980	604	302	6	12,800	4.8	608	2-68	38	575	16	
14-10-0002	2305410	497574	2 10 59	61	10,988	578	305	6	12,875	4.7	609	10-67	44	642	19	
14-10-0002	2384547	563813	7 17 60	67	11,096	588	298	3	13,690	5.1	698	8-67	41	468	21	
14-10-0002	2466222	497574	2 12 62	86	11,180	591	305	3	12,633	5.1	649	4-67	42	578	23	
14-10-0002	2486687	553236	8 19 62	88	11,393	593	305	3	13,816	5.3	729	5-67	39	605	34	
14-10-0002	2466210	553236	1 4 62	72	11,530	609	305	2	13,460	5.1	684	10-67	37	524	26	
14-10-0002	2466211	497574	1 7 62	72	11,297	595	301	4	11,450	5.7	650	6-67	43	423	22	
14-10-0002	2426848	553236	3 22 61	68	11,160	593	302	3	11,670	5.3	621	6-67	39	371	21	
14-10-0002	2451544	553236	10 25 61	73	11,670	607	293	4	13,132	5.0	659	11-67	41	500	24	
14-10-0002	2468661	572331	1 17 62	77	11,195	599	305	2	14,100	5.1	719	9-67	32	736	30	
14-10-0002	2451537	576127	10 1 61	85	11,477	598	304	4	12,922	5.4	701	4-68	41	397	28	
14-10-0002	2132851	497574	2 23 56	70	11,315	596	303	7	14,094	4.9	694	3-67	44	762	28	
14-10-0002	2620724	563805	11 23 65	47	11,930	626	305	1	14,410	5.0	717	12-67	34	484	21	
14-10-0002	2623340	593816	12 31 65	86	11,540	602	305	1	15,140	4.7	719	2-68	23	539	25	
14-10-0002	2599130	571382	6 19 65	70	11,750	619	305	1	13,310	4.8	641	10-67	33	572	9	
14-10-0002	2563320	593816	3 26 64	98	10,990	589	305	2	12,440	6.1	755	5-67	28	378	33	
14-10-0002	2563320	578236	5 2 64	86	10,960	589	305	2	14,465	5.0	725	6-67	33	550	20	
14-10-0002	2541857	572331	1 30 64	87	11,306	601	305	3	16,306	4.9	801	3-68	35	1042	41	
14-10-0002	2568567	597754	8 4 64	72	10,835	572	304	2	13,540	5.3	717	9-67	28	446	25	
14-10-0002	2578563	593816	10 22 64	89	11,175	590	305	2	14,820	5.2	776	3-68	29	644	36	
14-10-0002	2566681	576127	5 25 64	81	11,345	598	305	2	13,100	5.6	733	4-68	38	401	29	
14-10-0002	2590149	593816	1 17 65	81	11,285	596	305	2	13,765	5.4	739	4-68	29	504	31	
14-10-0002	2568569	572331	8 25 64	78	11,500	611	305	2	14,470	4.6	670	12-67	32	747	23	
14-10-0002	2578569	593816	11 9 64	78	11,545	612	299	2	12,760	5.5	704	11-67	29	392	26	
14-10-0002	2578583	593816	1 9 65	92	11,385	603	305	2	12,825	5.2	667	2-68	29	380	22	
14-10-0002	2568575	572331	9 9 64	72	11,155	595	305	2	16,050	5.2	829	10-67	32	965	43	
14-10-0002	2566674	597754	5 1 64	86	10,980	588	305	2	13,045	5.6	731	6-67	28	370	25	
14-10-0002	2530842	497574	10 6 63	64	11,723	619	305	3	12,873	5.3	679	11-67	42	549	23	
14-10-0002	2499092	546137	12 13 62	89	11,285	598	296	2	12,640	5.5	693	6-67	40	439	27	
14-10-0002	2526969	497574	7 19 63	67	10,743	569	305	3	12,196	5.4	657	8-67	42	573	26	
14-10-0002	2518395	593816	4 2 63	60	11,646	612	305	3	13,683	5.8	797	10-67	32	520	40	
14-10-0002	2510550	497574	2 22 63	95	11,520	603	305	3	12,760	5.4	691	2-67	42	557	26	
14-10-0002	2494858	572331	9 20 62	70	11,465	604	305	4	13,807	4.5	617	11-67	37	715	17	
14-10-0002	2518400	572331	4 27 63	72	10,853	572	305	3	15,316	5.3	805	2-68	35	966	45	

14-10-0002	2496917	572331	12	2	62	75	11,103	583	305	3	12,390	5.5	685	8-67	35	557	28
14-10-0008	2543512	546137	10	11	63	12	9,063	465	293	3	10,270	5.5	566	9-67	42	411	27
14-10-0008	2630984	571382	8	17	65	14	9,340	487	305	1	11,980	4.4	533	10-67	33	638	10
14-10-0008	2630981	546137	9	4	63	12	8,670	459	305	2	11,785	4.9	579	2-67	40	592	28
14-10-0008	2630982	546137	8	12	64	13	9,050	462	301	2	9,970	5.1	504	10-67	40	372	20
14-10-0013	2536979	557682	12	29	63	9	9,600	502	304	2	12,335	5.3	656	5-67	38	590	21
14-10-0013	2515454	567370	2	2	63	8	12,495	628	305	2	17,240	4.5	777	1-67	40	755	24
14-10-0013	2527917	588474	7	3	63	11	10,846	565	305	3	14,690	5.4	800	10-67	35	661	33
14-10-0311	2599126	585348	1	22	65	12	8,700	444	266	1	14,340	4.2	601	6-67	35	653	15
14-10-0311	2451725	546137	12	12	61	8	9,500	483	296	3	10,253	5.6	576	4-67	42	363	26
14-10-0311	2657506	571382	8	1	65	12	9,420	472	305	1	12,300	4.8	596	10-67	33	657	16
14-10-0327	2633769	571382	11	4	65	23	8,680	431	305	1	10,620	4.8	515	11-67	33	578	12
14-10-0350	2562904	597049	5	19	64	8	9,150	486	305	2	12,230	5.2	642	12-67	28	404	23
14-11-0157	2476750	540265	6	27	61	18	7,582	387	305	5	10,360	5.2	538	1-68	43	409	25
14-11-0167	2378914	569466	7	1	59	17	9,436	504	293	3	11,800	5.1	605	6-67	40	599	20
14-11-0167	2590983	596960	9	25	63	11	10,823	560	300	3	12,833	5.3	684	2-68	33	425	27
14-11-0215	2478575	497574	5	7	62	7	9,896	510	305	3	10,560	5.2	552	5-67	42	471	20
14-11-0302	2488410	546137	4	6	62	19	8,760	492	301	3	11,640	4.7	543	4-67	42	602	22
14-11-0302	2578566	572331	11	1	64	28	7,995	437	303	2	10,635	5.7	602	11-67	32	669	33
14-11-0302	2528532	583958	3	5	63	18	8,270	465	305	2	11,790	5.3	628	6-67	35	801	37
14-11-0302	2680974	571382	10	1	65	23	7,690	415	305	1	10,970	5.2	572	9-67	33	675	18
14-11-0302	2661956	571382	10	30	65	23	7,690	415	305	1	9,580	5.0	476	9-67	33	567	10
14-12-0003	2589699	596960	11	12	63	29	10,126	520	290	3	12,780	4.9	624	12-67	33	502	24
14-12-0064	2589068	571291	9	25	63	18	8,996	457	304	3	11,166	5.3	587	10-67	42	400	22
14-12-0064	2549535	567370	10	19	63	19	9,355	477	305	2	11,190	6.0	666	1-67	40	426	26
14-12-0064	2619113	571382	11	15	65	18	8,470	423	281	1	10,520	4.6	484	8-67	33	585	10
14-12-0064	2408678	569466	1	16	61	12	9,371	475	283	6	12,316	4.0	495	2-68	42	699	10
14-14-0241	2665116	569466	2	8	63	10	7,460	401	305	1	11,820	4.0	473	9-67	33	672	13
14-14-0255	2075731	526135	1	17	55	15	7,810	410	300	4	11,270	5.2	583	12-67	35	543	26
14-14-0255	2254714	526135	4	30	57	11	7,967	416	300	4	11,187	5.3	588	3-67	35	511	26
14-14-0258	2592918	546137	11	26	63	17	10,543	550	303	3	12,800	5.2	661	11-67	42	551	29
14-14-0270	2620948	571382	12	3	65	22	11,120	594	305	1	13,310	5.2	693	11-67	33	617	15
14-14-0270	2516812	583958	3	10	63	16	11,023	586	304	3	11,913	5.8	688	12-67	38	547	33
14-15-0401	2498638	583521	10	25	62	11	9,720	518	224	4	12,845	4.9	632	3-68	35	635	22
14-16-0119	2630219	583481	10	3	62	26	10,220	510	305	1	14,140	5.1	725	8-67	25	455	28
14-16-0119	2606213	546137	8	19	63	23	11,400	571	305	2	12,685	5.7	719	12-67	40	433	32
14-16-0119	2558441	569466	2	16	59	26	11,170	563	305	1	14,180	4.5	641	6-67	33	595	15
14-17-0041	2637025	571382	10	3	65	11	8,670	460	301	1	11,930	4.5	533	9-67	33	681	12
14-18-0015	2537045	550285	7	14	63	35	10,883	545	298	3	14,126	4.4	616	10-67	38	590	12
14-18-0015	2258613	497574	2	15	58	33	11,731	592	295	6	13,810	4.9	676	11-67	44	676	27
14-18-0015	2195916	563805	3	4	57	27	11,941	601	305	6	15,268	5.0	763	5-67	43	722	35
14-18-0015	2387884	550285	7	28	60	33	11,662	587	282	4	14,707	4.4	646	12-67	39	599	12
16-06-0077	2408080	546137	8	15	59	18	10,110	508	303	5	11,246	5.2	590	4-67	44	423	26
16-06-0077	2433769	553236	1	25	61	32	9,970	515	304	4	12,492	5.4	675	8-67	41	616	37
16-06-0077	2433767	553236	1	25	61	28	9,870	511	305	4	11,325	5.2	585	4-67	41	476	26

TABLE 6.—HIGH-RANKING PROGENY OF DHIA SIRE: JERSEY—Continued

COW'S LAST HERD CODE	COW'S REGISTRATION NO.	COW'S SIRE REGISTRATION NO.	COW'S BIRTH DATE (Mo.) (Day) (Yr.)	HERDMATES			AVERAGE PRODUCTION OF COW					LAST CALVING		REPEAT- ABILITY (Pct.)		COW INDEX	
				NUM- BER	MILK (Lb.)	FAT (Lb.)	IN MILK (Days)	REC- ORDS	MILK (Lb.)	FAT (Pct.)	FAT (Lb.)	(Mo.) (Yr.)	CAR			MILK	FAT
16-06-0077	2541191	546137	8 30 63	22	9,710	508	305	3	14,123	5.3	746	11-67		42		792	44
16-06-0077	2630640	546137	4 6 64	21	9,925	521	305	2	12,520	4.7	584	11-67		40		551	23
16-06-0077	2630623	546137	2 23 61	28	9,840	517	305	1	11,150	5.8	642	10-67		35		399	27
16-06-0077	2630641	546137	5 9 64	24	9,915	519	305	2	11,080	5.8	643	10-67		40		405	29
16-06-0077	2630646	546137	5 7 65	28	9,840	517	305	1	11,050	5.4	593	10-67		35		391	23
16-06-0178	2585919	546137	9 30 64	12	11,070	555	294	2	15,295	4.7	712	10-67		40		729	33
16-06-0178	2444870	546137	1 11 61	6	10,677	561	303	4	12,287	4.9	606	8-67		43		485	22
16-06-0178	2444873	546137	3 15 61	9	11,393	593	298	3	14,020	4.9	693	11-67		42		604	29
16-12-0037	2423655	577505	1 17 61	10	9,938	515	305	5	16,984	4.9	839	4-68		37		899	44
16-12-0037	2354018	581485	7 22 59	6	9,670	506	305	6	15,206	4.9	747	11-67		43		607	22
16-12-0138	2382447	546137	8 13 60	6	8,903	453	305	3	10,156	6.0	605	3-67		42		414	33
16-12-0138	2315061	546137	4 14 59	6	8,303	421	305	6	9,915	5.4	538	4-67		44		462	30
16-12-0138	2531782	546137	9 27 63	5	8,423	458	303	3	10,656	5.3	561	11-67		42		523	27
16-14-0022	2504668	583958	3 7 62	13	8,202	461	304	4	10,100	5.8	587	10-67		39		641	35
16-14-0022	2504663	583958	8 23 61	9	8,496	478	305	3	13,436	5.4	725	5-67		38		1019	49
16-16-0123	2491395	583958	6 24 62	7	9,580	462	295	2	11,150	5.0	552	5-67		35		602	29
16-16-0123	2648564	583958	6 18 64	6	9,235	484	291	2	10,320	5.2	540	2-68		35		528	27
21-06-0433	2624819	563813	2 28 65	9	7,940	388	298	1	12,510	4.5	568	9-67		35		493	20
21-10-0174	2625397	560800	12 10 64	8	8,190	430	299	1	11,900	5.1	605	6-67		35		584	22
21-10-0379	2604560	599106	4 6 65	71	9,610	536	305	2	13,420	5.2	693	3-68		29		486	21
21-10-0379	2553310	571291	8 3 63	83	8,755	476	305	2	12,225	5.0	607	4-67		40		503	21
21-10-0379	2672619	553904	2 25 66	62	8,420	462	301	1	13,090	5.6	731	12-67		31		444	28
21-10-0379	2660941	553904	7 8 65	122	7,510	414	305	1	11,990	5.6	669	9-67		31		421	26
21-10-0546	2566341	591812	8 26 64	49	7,745	425	305	2	10,620	5.5	585	9-67		30		378	23
21-10-0593	2609295	592750	3 21 63	21	8,470	438	305	2	12,395	5.0	614	8-67		29		530	26
21-10-0593	2609288	592750	11 14 62	32	9,355	481	303	2	11,850	5.2	621	1-68		29		370	22
21-10-0593	2609312	592750	10 2 64	33	9,190	471	305	2	12,115	4.9	594	1-68		29		420	20
21-10-0593	2609298	592750	10 15 63	31	9,563	493	305	3	14,140	4.5	635	1-68		32		691	24
21-10-0593	2587076	591147	2 15 64	32	8,535	451	305	2	14,055	4.5	638	9-67		38		645	24
21-10-0593	2450077	585348	10 7 61	37	9,532	500	300	5	11,918	5.3	632	9-67		43		519	20
21-10-0601	2605537	593292	1 22 63	14	9,090	478	305	2	13,410	5.6	752	11-67		35		534	32
21-10-0601	2662327	560800	12 25 64	15	8,965	487	305	2	11,605	5.1	591	11-67		40		562	19
21-11-0611	2662520	585348	9 10 65	60	9,120	445	281	1	12,190	5.3	645	10-67	H	35		440	21
21-11-0611	2531659	585348	8 29 61	44	9,382	459	302	4	12,282	4.8	594	11-67		42		571	20
21-11-0611	2527333	563945	9 4 62	47	9,325	458	305	4	13,335	4.4	583	11-67		42		736	16
21-12-0139	2459426	567370	1 3 63	18	9,720	497	297	3	12,666	4.5	566	10-66		42		580	15
21-12-0361	2536903	597872	12 11 63	19	9,420	474	258	2	11,860	5.4	639	6-67		29		366	25
21-12-0454	2459738	585348	4 8 61	25	9,424	486	301	5	13,660	4.4	601	3-68		43		742	21
21-12-0454	2407895	585348	9 12 60	26	9,166	466	288	5	12,216	4.7	578	10-67		43		601	17
21-12-0456	2408694	585348	12 23 60	13	10,925	563	302	6	15,625	4.3	675	1-68		43		822	21
21-12-0456	2607436	585348	10 2 65	6	11,330	627	305	1	16,110	4.9	785	11-67		35		606	16
21-12-0672	2482507	585348	11 17 61	41	9,480	516	301	4	11,742	5.3	626	10-67		42		473	20
21-12-0700	2600701	594149	9 10 63	33	10,250	530	298	3	13,773	4.5	616	11-67		33		650	17
21-12-0700	2600698	594149	8 28 63	30	10,130	529	305	2	13,015	5.2	671	8-67		30		526	22
21-13-0256	2605260	563805	3 6 65	24	10,660	545	305	1	12,680	5.0	634	7-67		34		441	20

21-13-0256	2620727	563805	12	4	65	16	11,780	609	305	1	13,590	5.1	689	12-67	34	432	20
21-13-0256	2550867	563805	12	6	63	23	12,166	655	305	3	13,863	5.4	747	12-67	41	486	25
21-13-0256	2566748	563805	5	18	64	36	11,420	604	305	2	16,490	4.7	773	5-67	38	812	31
21-13-0256	2550873	563805	2	20	64	36	11,560	600	305	1	13,680	5.0	689	5-67	34	455	21
21-13-0256	2550872	563805	1	29	64	34	11,950	644	305	2	13,190	5.3	700	5-67	38	417	20
21-13-0256	2433437	581199	5	20	61	26	11,824	633	305	5	18,100	4.9	880	2-68	42	698	30
21-14-0296	2535880	594897	8	8	63	31	10,650	576	305	1	16,100	4.9	792	8-67	26	566	20
21-14-0296	2706477	585348	5	3	65	17	10,500	567	305	1	14,660	5.2	769	8-67	35	554	20
21-30-0803	2580901	588501	8	26	61	9	8,845	451	305	2	13,450	4.8	641	11-67	29	615	25
21-35-0070	2506476	563945	9	30	62	24	9,400	474	278	3	13,610	4.0	545	7-67	41	728	9
21-35-0070	2389009	585348	8	9	60	27	8,925	454	254	4	12,485	4.2	527	9-67	42	648	12
21-40-0115	2483434	497574	5	4	62	21	9,055	456	303	4	11,420	4.9	565	7-67	43	670	27
21-42-0508	2486691	497574	9	3	62	37	8,760	473	304	4	12,852	5.1	656	10-67	43	882	37
21-42-0508	2531213	593630	9	15	63	34	8,926	481	305	3	10,880	5.6	604	10-67	32	402	24
21-42-0508	2532069	593630	8	4	63	32	9,100	489	302	3	10,886	5.7	621	12-67	32	381	26
21-42-0508	2610370	593630	4	18	65	34	9,070	492	305	1	12,590	5.7	713	9-67	23	472	28
21-42-0508	2659182	593630	12	1	65	15	9,560	478	305	6	12,508	5.4	616	2-68	23	387	21
21-45-0894	2477492	585348	10	10	61	30	8,812	469	295	5	11,628	4.4	511	10-67	43	566	8
21-48-0116	2513500	585348	1	22	62	6	9,940	515	298	3	12,323	5.3	656	1-67	41	495	20
21-49-0104	2500157	567370	10	4	62	5	10,536	549	300	3	14,483	4.1	599	5-67	42	706	13
21-49-0626	2500844	567370	8	17	62	10	9,453	484	305	3	12,463	4.1	517	11-67	42	579	10
21-52-0140	2396850	585348	11	30	60	29	10,853	548	298	6	12,508	5.4	672	12-67	43	440	20
21-52-0241	2534057	593061	4	5	63	17	9,323	510	304	3	12,506	5.3	664	10-67	38	491	21
21-52-0327	2602237	539013	2	4	63	12	8,660	434	305	3	11,963	5.4	641	4-68	37	460	26
21-52-0334	2529349	563945	3	10	63	5	9,416	468	301	3	12,403	4.4	546	6-67	41	585	10
21-55-0016	2521095	555946	2	24	62	9	9,142	449	299	4	12,520	4.4	557	7-67	40	571	19
21-55-0016	2408828	553904	1	2	61	17	9,900	476	304	5	12,720	4.7	592	10-67	40	467	21
21-55-0278	2525447	594815	7	25	63	14	9,070	485	305	3	12,530	4.8	602	2-68	34	539	20
21-58-0011	2597398	546137	10	2	62	8	7,570	420	305	3	10,453	5.1	530	11-67	42	589	28
22-10-0050	2569577	592247	5	14	64	87	9,915	489	287	2	13,340	4.8	640	6-67	30	571	28
22-10-0050	2525433	563805	2	25	63	73	10,410	512	298	3	12,750	4.9	625	4-67	41	542	25
22-10-0050	2525430	592247	1	24	63	92	10,030	493	305	3	12,403	4.9	604	7-67	33	482	25
22-10-0050	2613494	571382	11	16	64	78	10,340	508	293	1	13,410	4.4	591	6-67	31	573	11
22-10-0050	2545322	571382	8	20	63	61	10,940	531	295	2	12,440	4.7	589	5-67	38	583	12
22-10-0050	2545321	571382	8	19	63	67	10,510	514	288	3	13,140	4.4	584	10-67	40	722	14
22-10-0050	2492142	592247	6	5	62	99	10,052	496	301	4	11,497	5.2	597	8-67	35	371	25
22-10-0050	2492141	571382	5	28	62	87	10,062	504	297	4	11,890	4.8	576	9-67	41	629	15
22-10-0051	2462311	559999	10	17	61	22	9,510	502	298	4	12,660	4.9	619	12-67	35	566	21
22-10-0051	2491864	559999	9	6	62	26	8,847	466	305	4	12,475	4.9	614	7-67	35	625	25
22-10-0051	2566410	571382	8	26	64	29	10,250	528	305	2	12,780	4.7	599	11-67	38	684	14
22-10-0051	2609753	571382	7	5	65	43	9,990	528	296	1	11,720	4.1	485	8-67	33	572	4
22-10-0051	2638762	571382	9	27	65	26	10,650	561	305	1	13,250	4.4	586	11-67	33	645	9
22-10-0051	2638760	571382	10	12	65	34	10,420	548	305	1	13,970	4.6	641	10-67	33	717	14
22-10-0051	2638763	571382	8	14	65	43	9,990	528	305	1	11,690	4.5	523	8-67	33	570	6
22-10-0051	2608403	571382	7	12	65	34	10,420	548	305	1	12,770	4.4	556	10-67	33	624	7

TABLE 6.—HIGH-RANKING PROGENY OF DHIA SIRE: JERSEY—Continued

COW'S LAST HERD CODE	COW'S REGISTRATION NO.	COW'S SIRE REGISTRATION NO.	COW'S BIRTH DATE (Mo.) (Day) (Yr.)	HERDMATES			AVERAGE PRODUCTION OF COW				LAST CALVING (Mo.) (Yr.)		REPEAT- ABILITY (Pct.)	COW INDEX	
				NUM- BER	MILK (Lb.)	FAT (Lb.)	IN MILK (Days)	REC- ORDS	MILK (Lb.)	FAT (Pct.)				MILK	FAT
22-10-0051	2656124	571382	10 11 65	20	10,730	566	298	1	12,850	5.7	732	12-67	33	608	20
22-10-0051	2683642	571382	11 18 65	26	10,650	561	294	1	12,350	4.8	597	11-67	33	575	10
22-10-0052	2601676	571382	7 29 65	17	9,770	504	296	1	12,530	4.5	564	10-67	33	651	11
22-10-0052	2608358	571382	10 31 65	17	9,770	504	305	1	12,290	4.7	580	10-67	33	632	12
22-10-0052	2608357	571382	9 27 65	17	9,770	504	305	1	12,200	4.9	592	10-67	33	625	13
22-10-0052	2608356	571382	9 19 65	10	9,510	488	287	1	11,150	4.9	548	12-67	33	561	11
22-10-0052	2567333	571382	8 1 64	16	10,345	523	305	2	14,685	4.5	661	11-67	38	876	21
22-10-0052	2482367	571382	7 23 62	15	10,302	513	299	4	11,885	4.4	518	6-67	41	601	7
22-10-0052	2441948	571382	6 8 61	12	10,404	526	300	5	11,958	5.2	622	7-67	42	603	19
22-10-0052	2404721	571382	2 25 61	19	10,576	542	299	5	12,332	4.4	548	12-67	42	632	7
22-17-0197	2341583	571382	3 24 59	9	9,211	464	296	6	12,160	4.6	563	5-67	41	686	16
22-17-0197	2495438	571382	11 10 62	6	9,483	467	299	3	12,880	4.6	613	11-67	40	801	28
22-17-0197	2562929	571382	6 18 64	6	9,405	456	303	2	11,630	4.6	539	9-67	38	643	14
22-17-0197	2535050	571382	8 11 63	5	9,486	471	304	3	11,966	4.8	569	8-67	40	692	17
22-17-0197	2660379	571382	9 15 65	6	10,000	482	305	1	13,810	4.5	620	10-67	33	734	17
22-17-0197	2660381	571382	11 4 65	6	10,000	482	300	1	13,510	4.6	620	10-67	33	711	17
22-17-0197	2659629	571382	3 12 66	7	9,740	473	305	1	11,900	4.6	551	11-67	33	604	12
22-22-0048	2549794	589069	1 9 64	40	11,220	605	305	2	13,990	5.5	771	6-67	33	464	27
22-22-0048	2567357	600002	5 15 64	37	11,315	611	305	2	14,065	5.4	753	10-67	29	482	25
22-22-0048	2584325	600002	12 25 64	29	11,790	649	305	1	14,230	5.8	822	4-67	23	384	24
22-22-0048	2518571	589136	4 15 63	36	11,323	612	305	3	16,436	4.6	761	11-67	37	920	30
22-22-0048	2435837	589136	5 9 61	25	10,993	604	305	3	12,606	5.4	686	12-67	37	477	21
22-22-0048	2290027	563805	6 13 58	29	11,950	646	305	3	15,200	5.5	837	11-67	41	667	36
22-22-0048	2274254	563805	2 23 58	32	11,285	624	305	2	14,950	5.7	846	9-67	38	661	37
22-23-0049	2387611	571382	10 24 59	5	8,413	441	300	6	10,685	4.5	477	4-67	41	581	8
22-26-0088	2619941	571382	7 11 65	25	8,820	452	305	1	11,920	4.2	504	6-67	33	670	10
22-29-0139	2391958	571382	4 16 60	11	7,396	362	303	3	9,300	4.8	443	10-67	40	598	14
23-05-0152	2554614	585904	8 23 62	13	8,633	432	304	3	12,636	4.5	570	6-67	41	614	19
23-08-0035	2533621	591297	9 4 62	11	7,973	442	305	3	11,453	5.7	649	12-67	41	542	32
23-08-0067	2515495	567370	1 1 63	12	9,520	492	304	3	11,796	5.2	617	2-67	42	500	21
23-08-0354	2493799	567370	6 21 62	8	9,763	502	249	3	12,883	5.0	646	1-67	42	601	24
23-08-0401	2362275	484019	1 15 60	5	9,324	479	305	5	11,838	5.3	623	8-67	43	416	22
23-08-0418	2626075	553596	4 17 59	17	8,475	426	305	2	11,360	5.1	577	6-67	31	385	20
23-08-0438	2547662	594146	1 5 64	11	10,663	526	301	3	13,230	5.1	681	3-68	32	418	27
23-08-0520	2502799	571291	7 16 62	13	7,070	365	305	2	10,040	4.3	505	9-67	40	435	20
23-09-0127	2557838	567370	9 28 63	11	8,686	462	304	3	11,973	4.6	556	10-67	42	602	17
23-09-0923	2606777	546137	5 4 65	26	8,100	429	305	1	9,460	5.7	540	9-67	35	390	25
23-09-0923	2648866	546137	10 15 65	23	8,460	442	305	1	11,620	4.8	557	11-67	35	528	26
23-20-0143	2567986	591297	2 26 64	33	8,980	470	305	1	11,760	5.4	638	9-66	34	364	21
23-20-0326	2568157	560800	3 12 64	26	8,835	423	305	2	12,500	4.3	541	9-67	40	665	20
23-20-0326	2514569	560800	1 31 63	23	9,246	452	305	3	11,916	5.0	596	12-67	42	598	25
23-21-0007	2566761	563805	8 5 64	7	7,875	429	302	2	9,955	5.2	521	8-67	38	462	21
23-21-0082	2579114	584458	10 2 64	6	9,055	490	305	2	14,870	4.7	697	12-67	38	919	29
23-21-0082	2627714	584458	5 21 65	7	8,930	513	305	1	12,390	5.5	686	11-67	34	618	22
23-22-0010	2626681	584458	4 11 65	17	9,300	457	305	1	12,780	4.5	577	6-67	34	622	17

23-22-0010	2577571	584458	3	1	62	27	9,866	479	305	3	11,883	4.6	545	6-67	41	570	15
23-22-0010	2543651	584458	1	2	64	16	10,140	480	305	2	12,230	4.5	548	6-67	38	561	15
23-22-0010	2542303	584458	1	19	62	26	10,407	510	303	4	12,747	4.7	594	6-67	42	629	18
23-22-0010	2387050	584458	9	12	60	35	9,923	497	300	6	12,951	4.6	594	12-67	43	724	20
23-22-0010	2687053	584458	7	26	65	27	10,630	525	305	1	14,210	4.3	615	12-67	34	640	15
23-29-0009	2564598	584458	4	20	64	6	8,640	467	304	2	11,415	5.0	574	7-67	38	617	19
23-32-0003	2579257	580836	10	2	63	7	10,916	551	303	3	14,396	4.7	678	3-68	41	500	23
23-32-0003	2579258	591297	10	13	63	14	10,510	533	298	3	12,553	5.1	640	11-67	41	402	21
23-32-0023	2645965	584458	9	8	65	25	8,870	443	305	1	11,710	4.5	522	11-67	34	569	14
23-32-0023	2511248	585904	4	12	63	16	8,603	433	304	3	10,556	5.7	601	12-67	41	374	23
23-32-0051	2591145	591297	2	13	65	10	8,780	441	305	1	12,130	5.1	617	4-68	34	388	25
23-36-0272	2672303	584458	2	4	65	5	8,735	484	305	2	11,140	5.2	583	1-68	38	579	18
23-36-0614	2495928	584458	11	7	62	21	9,767	512	303	4	11,632	5.3	612	11-67	42	561	20
23-36-0614	2495929	584458	11	19	62	23	9,745	510	299	4	11,757	4.9	574	10-67	42	579	16
23-36-0731	2415511	584458	9	16	60	11	9,880	517	303	4	14,562	5.1	740	10-67	42	920	36
23-36-0731	2415512	584458	10	6	60	11	9,867	515	304	4	12,202	5.0	604	10-67	42	622	19
23-36-0731	2516937	584458	9	8	62	7	10,126	532	292	3	13,033	4.5	590	11-67	41	678	15
23-36-0731	2688739	585393	8	17	63	21	9,760	497	305	1	13,930	5.4	755	9-67	33	361	28
23-36-0731	2674586	584458	12	4	64	8	9,815	515	298	2	12,070	5.3	642	10-67	38	575	21
23-37-0031	2674939	591297	6	24	65	6	8,170	416	305	1	11,800	5.1	607	6-67	34	423	22
23-37-0031	2704326	580836	9	4	65	12	9,170	448	305	1	12,860	4.8	617	1-68	35	361	20
23-37-0034	2606136	596438	8	5	65	6	8,760	492	305	1	12,240	5.7	696	1-68	24	443	24
23-37-0072	2512607	569645	7	29	62	39	8,962	460	303	4	12,212	4.9	593	12-67	34	532	24
23-37-0072	2508374	585904	10	10	61	52	9,242	475	305	4	11,922	5.8	686	10-67	42	489	30
23-37-0072	2601532	591297	8	29	63	55	8,746	450	304	3	11,463	5.2	600	12-67	41	461	25
23-37-0072	2574241	597474	8	14	63	36	8,636	439	247	3	11,886	5.5	651	2-68	32	527	34
23-37-0072	2574265	598112	7	18	64	33	8,185	423	305	2	11,495	5.2	603	1-68	28	414	21
23-37-0072	2421902	569645	10	11	60	40	8,972	459	305	5	11,490	5.1	584	1-68	35	442	24
23-37-0072	2700755	569645	2	25	65	27	6,600	330	305	1	11,500	5.3	612	7-67	24	489	29
23-38-0035	2412200	584458	1	5	61	8	10,092	520	305	5	12,354	4.7	584	7-67	43	624	16
23-40-0131	2607666	546137	3	9	65	7	8,680	454	305	1	9,650	5.2	504	6-67	35	365	21
23-40-0131	2607669	546137	5	25	65	8	8,490	434	305	1	10,520	4.9	520	10-67	35	443	23
23-43-0008	2592452	584458	4	25	65	17	9,770	512	305	1	13,030	4.7	616	8-67	34	609	16
23-43-0008	2518769	585904	11	20	62	14	10,370	536	305	4	14,710	5.4	791	11-67	42	712	37
23-43-0008	2491304	585904	4	26	62	9	9,342	470	304	4	13,670	4.5	617	12-67	42	698	22
23-43-0158	2535456	567370	9	6	63	6	8,260	447	292	2	12,070	4.6	559	4-67	40	616	18
23-46-0228	2575104	563805	8	11	64	34	9,155	500	305	2	11,900	4.9	589	12-67	38	544	22
23-53-0084	2683971	571382	12	13	65	6	10,260	533	305	1	15,120	4.9	736	1-68	33	818	22
23-53-0084	2683969	571382	9	25	65	17	8,390	442	300	1	10,950	5.1	563	9-67	33	624	15
23-53-0084	2691928	557682	1	24	66	9	9,730	501	305	1	13,360	5.1	687	12-67	34	602	20
23-54-0005	2560509	595079	12	29	64	18	8,245	421	305	2	12,035	5.0	602	8-67	29	439	23
23-54-0005	2435834	589136	4	29	61	15	8,157	431	305	4	10,697	4.8	516	6-67	39	574	20
23-54-0038	2534851	591297	11	21	63	21	8,916	453	305	3	11,190	5.2	581	2-68	41	384	25
23-60-0138	2588305	584458	10	1	64	10	8,790	446	305	2	11,935	4.2	496	12-67	38	657	13
23-61-0004	2578189	546137	1	17	65	8	8,780	464	305	1	10,990	5.4	590	5-67	35	459	27

TABLE 6.-HIGH-RANKING PROGENY OF DHIA SIRE: JERSEY-Continued

COW'S LAST HERD CODE	COW'S REGISTRATION NO.	COW'S SIRE REGISTRATION NO.	COW'S BIRTH DATE (Mo.) (Day) (Yr.)	HERDMATES			AVERAGE PRODUCTION OF COW				LAST CALVING		REPEAT- ABILITY (Pct.)	COW INDEX	
				NUM- BER	MILK (Lb.)	FAT (Lb.)	IN MILK (Days)	MILK (Lb.)	FAT (Pct.)	FAT (Lb.)	(Mo.) (Yr.)	CAR		MILK	FAT
23-63-0014	2594297	591297	8 20 64	25	10,380	557	304	2	12,520	5.1	641	11-67	38	362	20
23-63-0014	2501512	585904	10 16 61	20	9,998	538	303	5	11,960	5.5	656	12-67	43	417	20
23-63-0014	2605489	584458	7 21 65	27	9,720	530	305	1	12,360	5.3	653	7-67	34	561	18
23-64-0129	2668556	546137	8 8 65	33	7,690	432	305	1	10,030	5.7	568	10-67	35	460	27
23-64-0129	2668550	589430	1 5 64	25	7,500	419	305	2	10,630	5.3	564	11-67	29	416	21
23-64-0202	2454517	573749	9 11 61	34	8,562	432	305	4	11,690	5.0	588	7-67	41	363	21
23-65-0063	2624365	584458	10 28 65	19	8,310	439	305	1	11,410	4.8	547	10-67	34	585	16
23-65-0063	2548478	596438	7 31 63	34	8,560	447	301	3	11,546	5.1	589	8-67	32	515	21
23-67-0288	2511768	596011	8 23 62	9	8,487	421	289	4	12,520	4.9	613	1-68	35	608	30
31-03-9050	2558419	567370	1 5 63	10	8,176	406	305	3	9,930	5.3	525	9-67	42	418	20
31-04-0450	2634410	578382	7 28 65	19	8,540	452	283	1	11,540	5.2	601	4-68	33	543	21
31-04-0450	2374987	497574	11 25 59	50	7,947	423	298	4	8,665	5.7	492	7-67	43	451	22
31-07-0011	2409862	497574	10 20 60	15	8,341	427	294	6	10,651	4.7	505	8-67	44	662	24
31-07-0011	2409860	497574	9 13 60	11	8,634	438	302	5	11,932	4.8	567	3-67	44	795	30
31-07-0011	2546798	497574	9 1 63	14	8,480	434	302	3	12,713	4.3	549	11-67	42	870	27
31-07-0011	2549351	497574	9 2 63	17	8,323	425	302	3	9,343	5.1	473	9-67	42	494	20
31-07-0560	2415728	497574	8 18 60	13	9,522	467	305	5	12,506	4.5	566	10-67	44	766	27
31-07-0760	2366886	497574	9 26 59	10	9,461	459	305	6	11,093	4.8	533	7-67	44	588	24
31-09-9042	2568813	591149	3 11 64	5	11,510	586	252	2	13,525	5.4	733	9-67	29	379	24
31-12-0006	2494489	548159	8 11 62	22	9,200	486	305	4	13,297	5.1	677	1-68	36	672	33
31-12-0091	2672542	578382	3 31 66	10	11,250	554	305	1	16,790	4.3	716	3-68	33	765	22
31-12-9306	2555604	594846	10 31 63	14	10,636	557	305	3	14,893	4.3	647	12-67	38	573	11
31-12-9306	591239	591239	7 4 63	16	10,960	557	305	3	11,870	5.3	731	11-67	35	407	23
31-14-9006	2543861	592997	10 12 63	9	8,256	417	305	3	11,630	4.9	566	11-67	32	532	23
31-14-9900	2506187	571291	10 7 62	18	9,673	484	275	3	13,100	4.6	608	2-67	42	554	21
31-14-9900	2622005	596965	10 8 65	43	8,360	407	305	1	13,760	4.8	661	9-67	23	516	24
31-15-9008	2622493	571291	9 7 65	18	8,690	461	305	1	11,880	5.4	638	11-67	35	398	21
31-15-9008	2622474	586368	9 5 63	17	8,770	460	305	3	11,926	5.3	638	11-67	33	433	28
31-15-0040	2491129	585904	1 5 62	8	9,920	528	303	4	12,592	5.3	672	9-67	42	496	22
31-15-0110	2556394	580147	12 15 63	6	9,453	512	291	3	11,526	5.4	617	12-67	34	389	22
31-15-0182	2495618	575184	8 21 62	9	8,155	427	301	4	12,290	4.4	540	12-67	43	607	13
31-15-0455	2448345	580147	10 10 61	13	9,996	521	305	5	11,738	5.4	638	11-67	37	376	25
31-15-0455	2583615	580147	10 10 64	15	9,990	539	305	2	12,460	5.2	642	12-67	32	412	20
31-15-0455	2682328	560800	1 7 66	28	9,740	537	305	1	14,970	5.1	760	10-67	35	711	26
31-15-9673	2655841	580714	12 5 65	36	9,880	509	305	1	11,670	4.8	556	10-67	28	413	22
31-15-9673	2656435	580714	12 2 65	36	10,260	526	305	1	12,620	4.8	612	11-67	28	456	22
31-15-9673	2656437	580714	12 8 65	36	9,880	509	305	1	13,860	4.8	671	10-67	28	589	29
31-15-9673	2656434	582140	2 25 66	26	11,870	609	305	1	15,660	4.8	747	12-67	24	533	20
31-15-9673	2656439	580714	12 10 65	25	10,670	546	305	1	12,810	5.4	688	12-67	28	441	27
31-15-9673	2656433	580714	2 4 66	33	11,120	557	305	1	13,300	5.0	669	1-68	28	456	28
31-15-9673	2569969	582140	10 29 63	16	10,483	541	305	3	13,426	4.7	631	3-68	33	566	19
31-15-9673	2539894	582140	10 7 63	20	10,400	537	299	3	13,550	4.8	649	2-68	33	592	22
31-15-9673	2539882	582140	4 13 63	24	9,907	513	281	4	12,215	5.0	606	10-67	35	494	20
31-15-9673	2615060	582140	3 20 65	22	10,925	562	305	2	14,185	4.7	666	1-68	30	570	20
31-15-9673	2615075	580714	10 20 65	36	10,260	526	305	1	14,920	4.9	728	11-67	28	649	32

31-15-9673	2615079	580714	11 30 65	21	10,790	543	305	1	13,750	5.4	737	1-68	28	511	31
31-15-9673	2615073	580714	10 9 65	33	11,120	557	305	1	14,250	5.1	727	1-68	28	536	28
31-15-9673	2615078	580714	11 21 65	25	10,670	546	305	1	12,560	5.3	663	12-67	28	420	25
31-15-9673	2615067	580714	9 11 65	25	10,670	546	305	1	14,150	5.1	721	12-67	28	554	30
31-15-9673	2615070	580714	10 3 65	21	10,790	543	305	1	16,370	4.8	782	1-68	28	731	35
31-15-9673	2615065	580714	9 3 65	29	9,570	494	305	1	11,330	5.3	598	9-67	28	400	23
31-15-9673	2528597	582140	11 10 62	23	9,670	501	305	3	14,603	4.8	703	7-67	33	832	34
31-15-9673	2490529	582140	7 21 62	25	10,020	520	305	4	12,595	5.4	674	12-67	35	534	29
31-15-9673	2490520	582140	1 5 62	17	10,122	514	305	4	13,255	4.9	650	6-67	35	615	26
31-15-9673	2449713	582140	11 3 61	23	10,250	524	305	5	13,790	4.7	654	12-67	36	695	26
31-21-0036	2624591	497574	2 11 65	31	10,140	512	305	1	11,770	5.1	599	8-67	35	550	23
31-21-0036	2624580	597112	6 10 63	24	9,533	473	304	3	12,863	4.9	630	9-67	32	513	27
31-21-0036	2624584	591575	9 28 64	33	9,925	499	305	2	14,565	4.4	648	12-67	38	403	20
31-21-0099	2546879	497574	3 8 63	9	8,426	435	305	3	9,866	5.2	512	8-67	42	544	23
31-23-9094	2644549	578382	1 30 66	5	7,680	406	305	1	11,670	5.4	627	12-67	32	604	23
31-29-0330	2599555	590317	3 2 65	14	8,950	460	305	1	12,080	4.5	544	3-67	27	467	21
31-29-0330	2478369	566658	1 12 54	17	8,030	400	303	4	10,447	5.3	558	9-67	35	380	25
31-29-0330	2250511	566658	10 13 57	16	8,066	398	304	5	12,060	4.9	595	8-67	36	629	32
31-30-0120	2639001	578382	9 28 65	5	9,740	494	305	1	11,840	5.3	625	3-68	33	481	20
31-30-0120	2643851	578382	2 19 66	5	9,740	494	305	1	12,880	4.7	606	3-68	33	564	18
31-32-0016	2540357	497574	9 9 63	14	8,806	460	305	3	11,186	4.9	546	11-67	42	658	24
31-32-0016	2363778	497574	10 27 59	14	8,660	446	305	5	12,448	4.6	573	8-67	44	859	30
31-32-0016	2400156	497574	5 14 60	9	8,940	447	299	6	10,816	4.9	535	7-67	44	613	25
31-32-9780	2520714	588828	6 5 63	24	7,820	413	305	3	11,766	5.0	583	10-67	33	597	27
31-35-9008	2652729	577042	9 16 65	19	9,190	469	305	1	14,880	4.6	690	11-67	34	581	21
31-35-9008	2582171	577042	9 2 64	6	9,650	490	305	1	14,030	5.0	698	4-67	34	484	20
31-35-9008	2464105	577042	10 15 61	14	9,066	474	294	3	12,336	5.1	628	8-67	41	519	21
31-35-9008	2488748	497574	8 10 62	9	11,076	537	305	3	11,716	5.2	611	4-67	42	482	24
31-38-9001	2517808	575184	3 5 63	12	9,446	474	305	3	13,373	4.84	594	5-67	42	568	13
31-39-9020	2672187	567370	10 9 61	6	8,800	446	301	1	11,590	5.3	617	4-67	35	458	20
31-39-9620	2574966	596407	12 25 64	12	7,395	394	292	2	10,760	4.9	530	2-68	36	464	20
31-42-9034	2503355	562315	10 20 62	11	10,173	529	305	3	14,186	4.4	627	3-67	42	564	14
31-42-9034	2330218	562315	3 28 58	12	8,101	443	300	7	11,215	5.2	587	11-67	44	476	20
31-42-9060	2348684	497574	11 13 59	11	9,530	477	296	6	12,580	4.7	588	5-67	44	774	29
31-42-9060	2401595	497574	9 6 60	11	9,145	469	305	6	10,115	5.3	533	12-67	44	498	22
31-45-9035	2494469	568199	7 15 62	14	10,907	545	305	4	12,587	5.2	649	3-68	40	376	22
31-45-9035	2587276	568199	8 20 64	21	9,420	469	305	2	12,590	4.8	599	8-67	36	485	22
31-45-9035	2606010	568199	9 22 64	19	9,870	495	305	2	12,620	5.0	636	10-67	23	444	23
31-45-9035	2536601	562315	8 19 63	24	9,996	477	305	3	13,583	4.6	628	10-67	42	522	20
31-45-9035	2536593	568199	7 1 63	17	10,833	544	304	3	13,296	5.1	676	1-68	39	458	24
31-45-9035	2552702	589928	1 3 64	9	9,155	467	305	2	14,280	4.4	626	6-67	32	682	19
31-47-0756	2577914	577042	10 22 64	23	9,265	518	298	2	13,345	4.8	637	9-67	38	563	16
31-47-0756	2572757	577042	7 22 64	17	9,750	546	305	2	14,020	4.8	671	11-67	38	588	17
31-49-9120	2346765	569178	9 30 58	11	9,286	466	304	6	13,328	4.4	589	7-67	39	709	18
31-51-0036	2365702	578237	9 19 59	9	8,910	450	297	5	10,874	5.5	593	9-67	43	376	26

TABLE 6.—HIGH-RANKING PROGENY OF DHIA Sires: JERSEY—Continued

COW'S LAST HERD CODE	COW'S REGISTRATION NO.	COW'S SIRE REGISTRATION NO.	COW'S BIRTH DATE (Mo.) (Day) (Yr.)	HERDMATES			AVERAGE PRODUCTION OF COW				LAST CALVING (Mo.) (Yr.)	REPEAT- ABILITY (Pct.)	COW INDEX	
				NUM- BER	MILK (Lb.)	FAT (Lb.)	IN MILK (Days)	REC- ORDS	MILK (Lb.)	FAT (Pct.)			MILK	FAT
31-54-9016	2543753	575184	9 15 62	7	9,365	439	305	4	13,557	4.8	651	43	629	25
31-59-9840	2409753	578237	11 2 60	17	9,318	461	303	5	13,312	4.3	575	43	651	22
31-59-9840	2409766	497574	11 25 61	19	9,106	455	296	5	12,194	4.5	552	44	774	26
31-74-9005	2368213	497574	9 14 59	7	9,611	470	305	6	10,546	5.6	591	44	499	30
31-76-9425	2414842	497574	10 19 60	19	9,096	453	305	5	10,892	5.2	564	44	605	28
31-76-9425	2499051	497574	9 13 62	22	8,837	450	304	4	13,820	4.4	606	43	993	33
31-76-9425	2446709	497574	10 23 61	24	8,994	454	298	5	11,318	5.2	585	44	673	31
31-76-9425	2446715	497574	12 13 61	22	9,048	457	295	5	10,544	4.7	495	44	565	19
31-76-9425	2446712	497574	11 23 61	22	8,940	447	292	4	10,847	5.5	594	43	612	32
31-76-9425	2446706	497574	8 24 61	26	8,960	449	297	2	9,830	5.1	503	40	483	20
31-81-9027	2567201	497574	7 15 64	8	7,020	372	305	1	9,200	5.0	462	35	568	22
31-85-9064	2533702	497574	10 29 61	19	8,756	459	302	5	10,878	4.5	493	44	643	18
31-85-9067	2446873	576342	10 14 60	16	8,706	462	305	5	12,284	5.5	672	39	487	36
31-85-9070	2389846	579379	4 10 60	12	8,665	427	304	6	11,470	5.1	580	36	430	22
31-85-9143	2460680	497574	9 29 59	20	9,026	455	298	6	11,118	5.1	564	44	643	28
31-85-9143	2537312	497574	4 27 61	25	8,236	414	305	3	11,563	5.5	633	42	760	39
31-85-9148	2495701	497574	8 9 62	23	7,197	385	300	4	10,010	4.9	488	43	703	26
31-85-9148	2350033	497574	9 24 59	16	8,202	421	288	5	9,974	5.2	516	44	590	26
31-85-9148	2348136	497574	11 29 59	20	8,156	425	302	3	11,090	5.3	588	42	715	33
31-85-0175	2565688	497574	10 14 61	15	10,730	500	305	1	13,740	4.4	598	35	659	24
31-85-0175	2533445	591295	10 15 63	11	9,903	480	305	3	14,573	3.8	551	34	756	13
31-85-0714	2498358	497574	7 10 60	7	8,562	435	305	4	10,952	4.8	529	43	667	25
31-88-0090	2566209	497574	10 14 62	10	8,685	424	295	4	10,685	4.5	480	43	620	20
31-88-0090	2544650	497574	8 6 63	11	8,923	430	298	3	9,873	5.0	498	42	596	26
32-06-0710	2533769	567370	2 3 63	16	8,080	431	302	3	11,370	5.3	602	42	596	26
32-06-0710	2533768	567370	9 15 62	16	8,156	427	300	3	10,150	5.4	544	42	451	20
32-06-0710	2611338	563813	6 24 65	24	8,610	456	305	1	13,530	5.1	694	35	534	25
32-06-0710	2611335	600257	5 20 65	19	8,750	470	305	2	12,700	5.2	659	25	500	25
32-06-0710	2659399	563813	1 17 66	19	8,080	456	305	1	11,440	5.8	663	35	412	23
32-14-9101	2505825	585840	9 15 62	12	8,183	389	298	3	11,790	4.4	523	33	548	21
32-18-0441	2415992	497574	8 29 60	23	7,440	396	296	6	8,790	5.7	503	44	525	27
32-20-0764	2675749	598943	10 12 64	23	9,550	504	294	2	13,190	5.0	660	29	510	22
32-29-9903	2471050	591028	11 26 61	7	8,750	450	305	3	13,496	4.5	614	33	906	30
32-33-9713	2501586	564125	9 4 62	12	8,856	496	305	3	14,396	4.9	710	42	641	27
32-38-9900	2546904	583644	2 10 61	12	7,970	431	305	4	10,527	5.5	578	36	365	28
32-44-0820	2579973	591131	10 26 64	18	9,645	512	302	2	12,950	5.0	653	38	366	20
32-67-9003	2644076	598974	11 11 65	14	9,160	493	305	1	13,150	5.4	705	23	419	23
32-68-9283	2432993	550331	5 15 61	9	9,332	530	305	4	12,505	5.5	685	23	368	24
32-72-0101	2402795	585184	11 21 60	22	7,993	414	305	3	11,560	4.3	497	32	610	17
32-72-0101	2489037	585184	8 5 62	17	7,283	378	305	3	10,866	4.7	510	32	602	23
32-73-9241	2598408	563805	5 2 65	14	8,380	420	305	1	10,190	5.0	511	34	405	20
32-73-0281	2595160	567370	11 14 61	7	7,733	378	296	3	11,743	4.4	521	42	681	22
32-82-0714	2477970	566496	9 7 61	45	8,090	423	303	5	10,312	5.5	570	36	371	27
32-88-0650	2537322	497574	8 15 62	8	7,560	380	293	4	9,200	5.3	488	33	561	26
33-02-0510	2502476	585795	9 12 62	7	7,682	378	300	4	10,605	5.2	553	33	420	26

33-09-0410	2447306	567370	9 26 61	9	8,452	461	305	4	13,157	5.2	680	9-67	43	798	33
33-09-0410	2578825	575184	1 31 65	8	9,280	498	305	1	16,010	5.4	863	6-67	35	622	27
33-10-0510	2656354	575569	8 3 65	24	7,570	385	305	1	9,980	4.2	421	10-67	28	584	15
33-10-0510	2638093	575569	8 1 65	23	7,890	402	305	1	10,630	4.5	481	1-68	28	583	20
33-10-0510	2638092	575569	7 6 65	15	6,870	343	298	1	8,640	4.9	426	8-67	28	539	20
33-11-0147	2523858	497574	1 4 62	10	8,973	459	305	3	11,930	4.9	586	4-67	42	727	29
33-11-0142	2514971	575410	8 18 62	27	6,260	327	305	1	10,470	5.1	537	10-67	24	499	23
33-37-0210	2670597	567370	11 10 61	13	9,372	458	304	4	11,895	4.8	566	2-67	43	563	20
33-41-0211	2522504	567370	1 6 63	12	9,030	454	299	3	10,683	5.5	583	12-66	42	422	21
33-41-0211	2628525	593730	9 11 63	16	8,810	455	303	3	12,393	4.8	598	2-68	32	538	23
33-41-0211	2628535	593730	8 22 64	17	8,875	465	305	2	11,965	5.5	653	2-68	29	426	27
33-46-0312	2614978	591148	11 8 65	6	7,340	429	305	1	13,060	5.4	701	11-67	23	659	33
33-46-0312	2594577	591148	2 6 65	9	7,650	449	305	2	10,780	5.9	593	11-67	29	509	25
33-46-0312	2546858	591148	12 14 63	11	8,446	476	305	3	12,033	6.1	730	3-68	32	619	45
33-46-0312	2546854	591148	10 23 63	11	7,863	458	248	3	11,136	5.6	623	12-67	32	573	30
33-46-0312	2666415	591148	4 3 66	7	9,120	484	305	1	13,400	5.6	753	2-68	23	541	35
33-62-9173	2510690	567370	10 17 62	17	9,266	424	305	3	12,020	4.6	556	3-67	42	553	21
33-62-0675	2515539	575184	11 16 62	19	8,473	438	305	3	12,403	5.0	620	7-67	42	557	20
33-62-0675	2515542	575184	2 10 63	22	8,706	444	305	3	12,993	5.0	656	6-67	42	601	23
33-62-0675	2552275	575184	2 17 64	21	8,313	432	305	3	11,846	5.2	617	3-68	42	498	23
33-62-0675	2470315	497574	10 12 61	17	9,192	457	298	5	10,558	5.1	542	12-67	44	550	25
33-68-0610	2755678	598568	4 3 65	9	8,010	369	305	1	14,050	3.5	486	3-68	29	593	10
33-69-0271	2527653	567370	6 20 63	19	8,613	451	299	3	9,910	6.1	602	7-67	42	375	24
33-77-0313	2588521	597006	9 9 64	14	10,425	542	305	2	12,465	5.2	649	4-68	29	380	20
33-77-0313	2592785	597006	7 1 64	21	10,150	528	305	2	14,660	5.0	731	1-68	29	372	31
33-77-0313	2588520	597006	9 6 64	25	9,835	511	305	2	12,925	4.8	623	12-67	29	499	20
33-77-0313	2592788	597006	10 18 64	12	10,470	541	305	2	13,725	4.8	665	4-68	29	526	22
33-77-0313	2679475	563805	12 23 65	18	10,285	539	305	2	14,860	4.9	729	1-68	38	747	33
33-77-0611	2593066	596272	10 21 64	27	9,490	483	305	1	12,570	5.0	631	1-67	24	438	20
33-77-0611	2557546	596272	12 17 63	25	8,905	457	272	2	11,055	5.2	573	3-67	29	403	20
33-85-0843	2518782	567370	1 29 63	10	9,000	470	302	3	12,233	5.2	635	6-67	42	605	26
33-87-0717	2523169	589136	8 12 62	17	8,892	477	304	4	10,682	5.2	551	2-68	39	448	20
33-87-0717	2504968	575184	9 10 62	16	8,665	465	305	4	11,907	5.6	615	10-67	43	367	20
33-89-0170	2542394	587850	7 1 63	5	7,725	403	305	2	11,595	4.9	567	5-67	29	585	25
33-89-0170	2638037	587850	7 3 65	11	9,130	475	305	1	13,890	4.9	681	11-67	23	572	25
33-89-0170	2502508	587850	2 23 63	7	7,826	413	305	3	12,810	5.2	661	5-67	32	792	39
33-92-0143	2641712	575184	3 7 64	10	7,950	401	301	2	12,785	4.9	632	7-67	40	590	22
33-92-0143	2529010	554608	2 7 61	9	10,424	528	304	5	19,600	5.1	1007	12-67	38	1428	72
34-12-0001	2577118	564125	3 24 64	39	8,905	484	300	2	13,175	4.8	638	11-67	40	514	20
34-12-0527	2601566	596786	1 20 65	5	9,300	467	294	2	11,695	4.9	573	1-68	31	434	24
34-12-0527	2563366	596786	1 1 64	11	8,786	451	300	3	12,110	5.4	650	10-67	33	557	33
34-12-0535	2505307	590877	10 3 62	17	9,040	447	305	4	14,802	5.5	816	3-68	34	877	59
34-13-0005	2410740	574790	1 30 61	43	8,830	447	305	4	11,870	5.4	644	5-67	35	504	29
34-30-0297	2649728	599677	2 9 64	14	8,705	450	303	2	11,615	5.1	596	8-67	29	565	29
34-30-0297	2649719	599677	12 23 64	23	8,270	421	305	1	10,430	5.7	593	6-67	23	420	28

TABLE 6.—HIGH-RANKING PROGENY OF DHIA SIRE: JERSEY—Continued

COW'S LAST HERD CODE	COW'S REGISTRATION NO.	COW'S SIRE REGISTRATION NO.	COW'S BIRTH DATE (Mo.) (Day) (Yr.)	HERDMATES			AVERAGE PRODUCTION OF COW				LAST CALVING		REPEAT- ABILITY (Pct.)	COW INDEX	
				NUM- BER	MILK (Lb.)	FAT (Lb.)	IN MILK (Days)	REC- ORDS	MILK (Lb.)	FAT (Pct.)	(Mo.) (Yr.)	CAR		MILK	FAT
34-30-0297	2649715	599677	9 30 64	18	8,910	455	284	2	10,325	5.1	530	7-67	29	387	20
34-30-0297	2649739	599677	3 11 64	17	8,140	458	257	2	11,835	5.2	614	11-67	29	630	28
34-30-0297	2649712	599677	5 29 64	19	8,295	463	302	2	12,145	4.7	565	10-67	29	651	22
34-30-0297	2649707	599677	7 9 65	20	8,270	413	305	1	9,970	5.0	503	5-67	23	379	20
34-30-0297	2695827	599677	10 11 64	19	8,265	439	291	2	11,190	5.3	588	8-67	29	561	29
34-38-0069	2584759	594676	11 7 64	13	8,295	421	296	2	12,720	5.1	654	10-67	35	550	31
34-44-0130	2577868	560800	7 22 64	7	8,655	425	305	2	12,010	4.7	568	9-67	40	631	23
34-49-0016	2598650	556063	6 12 64	54	8,135	447	304	2	13,195	5.4	717	8-67	38	521	36
34-49-0016	2620211	553904	10 26 65	74	7,450	424	305	1	11,420	6.1	691	10-67	31	379	27
34-49-0016	2507423	497574	9 21 62	30	10,150	553	305	3	14,436	5.2	746	3-67	42	896	38
34-49-0016	2505039	497574	9 8 62	72	9,307	509	303	4	11,525	4.7	539	8-67	43	655	18
34-49-0016	2507990	497574	11 24 62	31	10,020	547	305	3	11,083	5.6	621	3-67	42	519	24
34-49-0016	2413363	553236	10 26 60	48	9,874	532	303	5	10,722	5.8	618	6-67	42	400	27
34-49-0016	2412784	553236	9 10 60	59	9,638	525	305	5	13,702	4.9	677	10-67	42	833	36
34-54-0001	2538767	563805	12 20 63	21	9,550	491	305	2	14,355	4.5	643	10-67	38	763	28
34-73-0018	2541828	556063	12 6 63	5	9,265	457	305	2	14,295	4.6	654	3-67	38	529	29
34-76-0015	2560827	584562	9 2 62	36	8,456	453	302	3	11,530	5.6	651	10-67	40	407	24
34-76-0015	2353596	563805	1 3 60	41	8,568	448	305	6	10,988	5.9	644	11-67	43	555	37
34-76-0015	2341881	563805	3 15 59	36	8,504	434	300	5	9,646	5.9	569	10-67	43	384	29
34-76-0015	2497038	584562	3 28 62	42	8,262	441	300	4	11,700	5.0	581	11-67	41	475	21
34-78-0005	2552405	594676	10 2 63	9	9,236	478	298	3	12,153	5.7	695	9-67	37	421	33
35-06-0002	2531638	573431	10 17 63	19	9,470	493	305	2	10,740	5.3	571	11-67	38	429	20
35-10-0422	2555881	573431	10 24 63	6	9,670	490	305	1	11,490	4.9	565	4-68	34	441	21
35-13-0131	2584314	589136	10 10 64	8	8,270	401	305	2	11,945	5.1	608	3-68	35	624	33
35-13-0321	2540132	567370	9 6 63	5	8,835	441	301	2	11,255	5.2	580	9-67	40	475	20
35-17-0051	2381555	573431	4 30 60	18	8,863	469	304	6	10,836	5.2	560	12-67	43	533	23
35-22-0026	2572334	573431	5 20 61	11	8,203	425	294	3	10,290	5.2	539	8-67	41	520	24
35-22-0026	2443641	586036	10 18 60	7	7,718	417	304	5	11,354	4.2	477	11-67	41	581	9
35-22-0026	2515628	573431	12 13 60	13	8,426	430	293	5	10,500	4.7	498	3-68	43	527	22
35-22-0050	2600892	573431	2 9 65	14	9,200	456	293	2	10,610	5.3	562	1-68	38	427	25
35-22-0050	2600895	573431	3 4 65	17	9,235	467	305	2	12,060	5.3	634	3-68	38	575	32
35-22-0050	2575071	573431	11 18 64	6	8,690	439	305	2	11,445	4.7	535	11-67	38	576	21
35-22-0050	2443641	578129	12 19 60	12	9,300	467	302	4	11,497	5.0	571	6-67	35	360	20
35-32-0037	2541496	560800	9 7 63	25	8,250	418	302	3	9,656	5.7	550	9-67	42	439	23
35-34-0013	2573854	573431	8 20 64	27	9,695	501	287	2	11,230	5.0	559	8-67	38	446	21
35-34-0013	2603865	573431	1 14 65	21	10,300	532	305	2	14,145	4.7	670	12-67	38	706	27
35-36-0015	2591834	575184	10 2 64	8	8,705	425	305	2	13,910	4.3	598	10-67	40	635	16
35-36-0015	2660289	573431	11 22 65	7	8,750	421	295	1	10,840	5.0	539	11-67	34	468	21
35-36-0015	2674941	573431	7 3 65	10	8,730	447	305	1	13,830	4.3	597	2-68	34	679	26
35-36-0015	2674942	573431	2 15 66	8	8,500	436	305	1	12,940	5.0	652	3-68	34	634	31
35-36-0030	2620201	573431	10 3 65	8	8,270	419	305	1	10,680	5.3	562	1-68	34	476	26
35-37-0074	2491890	567370	8 14 62	6	8,416	437	304	3	12,073	5.2	631	11-66	42	648	29
35-45-0142	2480871	567370	2 16 62	7	9,330	475	302	4	12,212	4.1	501	11-67	43	582	9
35-53-0017	2634679	573431	10 6 65	8	7,640	399	305	1	10,920	5.1	558	11-67	34	551	24
35-53-0035	2571070	573431	3 8 64	6	9,065	476	305	2	10,455	5.4	563	8-67	38	437	21

35-53-0035	2559653	573431	12 25 63	12	10,820	564	304	3	12,363	4.9	608	2-68	41	472	20
35-53-0035	2531490	573431	10 28 63	11	10,880	549	305	3	13,720	4.7	643	12-67	41	683	23
35-54-0052	2449226	590777	8 28 61	13	9,054	470	305	5	12,994	4.7	614	3-68	36	603	20
35-56-0256	2454168	530104	11 30 61	26	10,625	554	290	4	12,487	5.4	670	9-67	36	368	20
35-56-0256	2454174	581394	1 24 62	46	11,420	609	305	3	16,850	4.8	817	6-67	32	919	32
35-56-0256	2499337	530104	12 31 62	19	10,513	560	305	3	13,876	5.0	691	5-67	34	546	22
35-56-0256	2499326	530104	2 16 62	23	10,122	530	303	4	13,700	5.2	715	8-67	36	601	30
35-56-0256	2454164	530104	9 21 61	25	10,787	558	305	4	13,430	5.4	719	8-67	36	480	27
35-56-0256	2454726	530104	12 5 61	25	10,427	546	293	4	12,415	5.4	669	9-67	36	383	21
35-56-0256	2499707	593406	12 30 62	43	12,030	627	305	3	16,130	5.6	904	2-68	33	641	42
35-56-0256	2358512	530104	8 9 59	25	10,330	548	285	4	12,427	5.4	674	6-67	36	397	22
35-56-0256	2294783	530104	12 25 58	24	10,384	578	305	5	15,402	4.3	667	8-67	37	770	18
35-56-0256	2246455	566892	11 5 57	26	10,175	538	302	9	12,350	5.1	635	11-67	37	459	25
35-56-0256	2516043	593406	5 28 63	31	10,820	559	305	2	13,965	5.3	740	8-67	29	453	25
35-56-0256	2536572	581394	11 16 63	44	11,836	621	305	3	14,976	4.7	697	2-68	33	613	15
35-56-0256	2566758	563805	7 22 64	32	10,730	560	305	2	12,325	5.2	642	8-67	38	441	22
35-56-0256	2557639	581394	6 25 64	36	11,785	605	305	2	15,745	4.7	737	12-67	29	665	19
35-56-0256	2622641	563805	7 30 65	40	11,280	561	305	1	12,510	5.2	656	10-67	34	383	21
35-56-0256	2583601	593406	10 24 64	30	12,270	621	305	2	15,495	5.0	775	1-68	30	481	22
35-56-0256	2578656	593406	8 27 64	39	12,365	638	305	2	15,320	5.0	770	3-68	30	445	20
35-56-0256	2578650	581394	7 21 64	40	12,465	643	305	2	16,200	5.1	823	1-68	30	648	27
35-57-0063	2586971	573431	11 29 64	14	10,510	549	305	1	12,040	5.4	650	6-67	34	439	21
35-57-0063	2616588	573431	11 22 65	12	10,530	552	305	1	12,000	5.4	649	4-68	34	421	23
35-57-0063	2616586	573431	11 9 65	12	10,530	552	305	1	14,570	5.0	723	4-68	34	619	29
35-57-0063	2367404	573431	12 8 59	15	10,550	564	305	5	11,688	5.3	623	1-68	43	444	20
35-57-0063	2502302	568199	11 15 62	15	10,193	535	305	3	14,120	5.2	729	6-67	39	628	32
35-57-0063	2500359	586036	9 17 62	23	10,955	584	305	4	13,762	5.2	716	1-68	40	506	20
35-63-0023	2324171	573431	10 18 58	19	8,782	453	305	5	11,428	5.7	655	9-67	43	621	37
35-63-0120	2476063	573431	7 25 61	10	8,036	415	305	3	9,123	5.5	499	11-67	41	399	20
35-63-0120	2522548	573431	2 28 61	7	8,110	418	288	5	10,262	5.4	558	8-67	43	546	28
35-68-0063	2473997	567370	3 26 62	8	9,132	490	305	4	10,920	5.6	607	6-67	43	448	21
41-14-9020	2435833	589136	4 20 61	9	9,712	486	305	5	14,222	4.1	586	12-67	40	882	23
41-14-9073	2341892	563805	6 6 59	9	9,626	483	305	3	10,746	5.8	619	6-67	41	388	28
41-20-0067	2674247	573431	2 20 66	8	8,500	435	305	1	11,840	5.1	601	1-68	34	563	25
41-25-0002	2499846	560800	8 15 62	22	9,425	496	237	4	12,222	5.2	640	10-67	43	632	26
41-25-0002	2449376	560800	1 4 62	19	9,777	506	303	4	11,820	5.2	620	8-67	43	542	23
41-25-0002	2621124	546137	6 24 65	26	9,600	486	287	1	10,510	5.0	521	6-67	35	367	20
41-25-0002	2627887	565987	10 31 65	16	10,370	518	305	1	14,920	5.0	780	2-68	33	385	29
41-42-0049	2594325	597225	10 22 64	6	9,110	449	303	2	13,205	4.8	638	12-67	29	577	25
41-45-0004	2582085	596266	12 5 64	10	8,645	438	285	2	12,770	4.4	560	11-67	29	725	20
41-45-0004	2582084	596266	12 3 64	10	8,645	438	286	2	11,680	4.6	532	11-67	29	593	17
41-45-0004	2582080	596266	10 13 64	8	8,990	456	305	2	12,390	3.9	487	12-67	29	641	9
41-45-0004	2680714	596266	9 19 65	5	8,240	423	305	1	12,790	4.4	568	11-67	23	651	19
41-45-0141	2536576	566892	12 19 63	5	7,225	350	303	2	9,850	5.0	489	3-67	32	415	25
41-56-0057	2585151	577026	5 12 64	9	9,615	476	305	2	12,020	5.3	641	6-67	38	409	22

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TABLE 6.-HIGH-RANKING PROGENY OF DHIA SIRE: JERSEY-Continued

COW'S LAST HERD CODE	COW'S REGISTRATION NO.	COW'S SIRE REGISTRATION NO.	COW'S BIRTH DATE (Mo.) (Day) (Yr.)	HERDMATES			AVERAGE PRODUCTION OF COW					LAST CALVING		REPEAT- ABILITY (Pct.)	COW INDEX	
				NUM- BER	MILK (Lb.)	FAT (Lb.)	IN MILK (Days)	REC- ORDS	MILK (Lb.)	FAT (Pct.)	FAT (Lb.)	(Mo.) (Yr.)	CAR		MILK	FAT
41-56-0268	2641328	559606	2 27 64	9	7,755	386	305	2	10,615	5.2	553	3-68		35	386	24
41-56-0285	2529931	567370	9 8 63	21	9,843	512	305	3	13,786	4.3	599	11-67		42	692	17
41-74-0048	2482451	535683	2 18 62	31	9,542	487	293	4	12,115	5.2	627	10-67		37	446	27
41-79-0098	2430867	578129	2 8 61	23	9,566	496	304	5	11,912	5.3	636	11-67		36	400	27
41-79-0098	2516125	571291	11 19 62	9	9,255	477	305	3	11,600	5.2	608	5-67		42	423	22
41-79-0098	2516129	550331	3 2 63	20	9,457	501	297	4	13,200	5.2	688	12-67		43	441	27
41-79-9262	2501281	581394	1 25 63	25	9,570	505	305	2	14,095	4.6	653	7-67		29	706	20
41-79-9262	2472650	530104	4 8 62	21	10,010	534	298	3	14,233	4.5	641	10-67		34	652	18
41-83-0063	2444510	569336	8 4 61	15	8,546	433	304	5	11,502	4.9	568	3-68		41	472	21
42-03-0018	2475360	573431	11 29 61	15	9,355	466	298	4	12,067	4.8	583	2-68		42	611	29
42-06-0012	2474122	551816	1 17 62	5	9,116	459	295	5	10,550	5.0	523	3-68		39	424	23
42-07-9015	2648757	598818	9 10 65	11	8,800	506	305	1	12,610	6.1	773	4-68		23	454	33
42-07-9015	2587326	598818	9 8 64	25	8,735	485	305	2	11,160	5.6	620	10-67		29	393	24
42-07-0106	2677566	607277	5 30 65	49	6,950	360	305	1	11,360	5.1	577	9-67		19	405	20
42-28-0031	2596627	561701	1 23 64	16	7,445	383	305	2	9,635	4.9	471	12-67		38	545	20
42-33-9147	2537705	596941	6 6 63	8	8,473	429	305	3	13,650	4.7	641	11-67		33	691	29
42-33-9147	2540603	596941	6 27 63	11	8,303	425	305	3	11,140	5.4	599	10-67		33	375	24
42-33-9147	2568881	577289	3 19 64	9	9,180	479	305	2	14,520	4.7	682	1-68		29	709	29
42-34-9004	2519917	567370	10 25 62	9	8,215	430	305	4	11,260	4.7	529	12-67		43	588	18
42-41-0029	2567605	579316	8 20 62	10	9,717	494	304	4	13,245	4.7	619	2-68		34	558	22
42-41-0029	2610349	579316	3 19 63	13	9,996	499	305	3	13,290	4.7	628	6-67		32	496	21
42-41-0029	2646026	588371	12 7 65	19	9,390	489	305	1	14,480	4.8	697	11-67		23	533	21
42-42-9017	2465780	581550	9 9 61	6	9,603	438	305	3	12,860	4.5	583	1-68		32	425	20
42-50-0022	2468820	572134	11 15 61	8	9,482	492	304	5	11,420	5.2	595	3-68		39	465	23
42-51-0006	2595547	563805	1 1 64	24	8,433	417	299	3	10,076	5.9	598	9-67		41	435	32
42-56-9019	2645256	589166	8 21 65	14	8,070	419	305	1	9,740	5.6	550	9-67		30	380	20
42-56-9019	2574828	589166	10 28 64	12	9,250	470	302	2	12,700	4.7	600	12-67		35	622	26
42-56-9019	2574825	589166	7 17 64	10	7,775	414	301	2	9,010	5.7	514	8-67		35	398	21
42-56-9019	2574824	589166	7 15 64	14	9,875	512	305	2	12,425	4.9	609	3-68		35	530	23
42-56-9019	2503513	561701	7 23 62	12	9,172	475	299	4	11,277	4.7	525	2-68		41	584	17
42-57-0031	2394502	568223	6 17 60	25	7,690	400	305	3	11,420	5.0	576	1-68		34	510	27
42-60-9009	2364380	561491	9 21 59	25	9,607	473	305	4	13,507	4.2	569	11-67		37	563	14
42-60-9009	2364383	561491	10 18 59	25	10,108	502	305	5	13,992	4.6	641	12-67		38	593	21
42-60-9009	2662472	563813	12 9 65	21	10,690	544	305	1	14,520	4.9	715	1-68		35	468	21
42-60-9009	2666306	601883	8 5 65	50	10,090	507	305	1	13,420	5.6	745	10-67		23	474	32
42-60-9011	2666304	601883	12 28 65	13	9,610	479	305	1	14,470	4.5	645	1-68		23	608	25
42-60-9011	2519727	566892	9 2 62	22	9,032	471	304	4	11,920	4.8	568	9-67		36	532	24
42-60-9011	2470518	559151	2 8 61	7	9,130	470	302	6	12,145	5.0	609	2-68		39	636	24
42-60-9052	2497641	573431	6 11 62	8	7,523	377	305	3	10,696	4.6	495	12-67		41	640	24
42-64-9064	2388716	567370	5 15 60	6	9,660	469	305	2	12,970	5.6	722	8-67		40	574	32
42-64-9083	2640176	589056	10 22 62	10	5,440	278	305	1	10,310	5.1	525	9-67		26	531	27
42-64-9083	2577652	589056	6 26 64	6	6,905	328	289	2	10,830	4.6	497	4-68		31	564	25
42-70-0021	2518641	561699	10 31 61	23	8,742	455	303	5	12,106	4.7	572	3-68		41	639	19
42-71-0048	2497608	551816	10 2 60	12	7,750	391	298	4	9,152	5.2	472	12-67		38	395	24
42-86-9010	2584809	598236	11 28 64	6	8,710	460	305	2	14,190	4.6	651	9-67		29	785	25

42-86-0013	2665239	584784	4	9	63	13	6,810	364	305	1	11,170	5.0	563	11-67	23	424	21
43-04-9041	2605938	585918	6	1	65	26	8,210	441	254	1	11,220	5.6	627	9-67	24	366	21
43-04-9041	2605928	592494	1	5	65	27	10,030	542	305	2	13,040	5.3	691	3-68	29	430	22
43-04-9041	2652855	598413	8	29	64	26	9,965	532	305	2	14,285	5.8	835	4-68	29	606	43
43-04-9041	2466429	585918	1	1	62	31	9,377	492	305	4	11,947	5.6	666	4-68	35	463	30
43-04-9041	2217890	571291	9	5	57	35	8,952	469	305	5	12,446	5.8	728	9-67	44	598	40
43-04-9046	2499341	530104	1	12	63	34	9,780	497	305	3	16,480	5.1	841	8-67	34	974	49
43-04-9046	2637755	577026	3	25	63	36	9,960	499	305	1	13,800	5.1	700	7-67	34	463	21
43-04-9046	2637744	574525	10	28	63	21	11,500	564	303	3	15,410	4.7	720	3-68	36	594	27
43-04-9046	2637760	574525	4	6	64	17	12,320	601	305	1	16,560	4.7	783	1-68	28	453	23
43-04-9046	2637751	577026	10	7	63	31	11,255	558	305	2	13,770	5.0	693	3-67	38	438	20
43-04-9046	2636931	581394	7	25	65	26	9,830	503	305	1	17,870	4.9	871	11-67	24	897	36
43-04-9046	2637753	594664	1	19	65	26	9,950	509	305	1	14,810	4.6	685	11-67	24	825	25
43-04-9046	2636932	576049	12	25	65	7	12,710	625	305	1	19,140	4.5	888	1-68	35	589	12
43-04-9057	2559459	561701	11	24	63	6	7,560	368	291	1	12,440	4.6	571	11-67	33	722	27
43-14-0034	2634369	597356	8	13	65	10	6,460	336	284	1	9,900	5.4	530	11-67	23	401	21
43-16-0009	2566982	593629	3	23	64	27	9,270	450	305	2	13,255	4.6	607	12-67	29	542	21
43-16-0009	2517052	560800	12	12	62	32	8,886	424	305	3	12,103	4.6	553	9-67	42	679	22
43-19-9075	2533670	575767	8	10	60	6	11,530	589	305	2	15,690	5.0	787	7-67	30	691	33
43-19-9075	2522917	576342	2	4	63	11	10,836	547	300	3	14,656	5.0	734	11-67	37	490	32
43-35-9059	2525188	567370	2	18	63	14	9,790	508	305	3	13,430	4.6	624	4-67	42	662	20
43-35-9059	2456152	567370	10	6	61	8	8,970	455	302	5	11,686	4.4	518	9-67	44	570	14
43-35-9121	2560070	550331	2	23	62	8	7,830	405	301	2	12,220	4.9	600	9-67	40	402	23
43-44-9077	2610276	561701	1	16	64	6	10,400	534	305	2	13,200	4.7	617	4-68	38	641	21
43-46-9003	2621294	600335	6	9	65	46	9,090	495	305	1	12,860	5.1	662	11-67	23	427	20
43-46-9003	2600173	592841	12	13	64	43	9,060	490	305	1	11,720	6.0	702	9-67	26	378	22
43-46-9029	2581668	497574	11	17	64	20	8,520	441	305	2	12,585	4.9	619	9-67	40	805	33
43-46-9029	2581663	497574	6	6	64	17	9,435	481	292	2	10,565	5.4	575	11-67	40	514	25
43-46-9029	2548651	567370	8	25	63	18	9,260	468	283	2	11,875	5.0	596	1-67	40	505	20
43-46-9029	2346217	578776	10	19	59	13	9,800	484	305	5	12,912	4.3	555	4-68	38	723	18
43-46-9029	2396007	578776	9	11	60	16	8,952	458	305	4	12,400	4.3	536	12-67	37	745	19
43-50-9036	2560421	591149	1	3	64	23	11,540	565	304	3	13,846	5.1	712	2-68	33	431	26
43-50-9036	2578948	591149	7	2	64	11	10,045	492	276	2	12,740	4.9	624	10-67	29	443	21
43-50-9036	2590010	591149	10	30	64	12	10,175	500	305	2	13,925	4.5	630	10-67	29	570	20
43-50-9036	2650337	591149	1	3	66	9	9,650	473	305	1	13,820	4.8	667	12-67	24	495	22
43-92-9003	2429933	567370	11	25	60	11	10,775	522	305	4	13,375	4.7	634	4-67	43	570	21
43-92-9003	2388722	567370	8	25	60	12	10,663	537	305	3	14,380	4.0	580	1-67	42	681	12
43-97-9038	2451328	587548	1	31	62	43	10,017	524	304	4	13,805	5.0	684	8-67	35	611	24
43-97-9038	2561332	588876	7	12	64	46	9,590	502	305	2	13,140	5.1	669	1-68	29	398	21
43-97-9038	2532212	591432	9	20	63	49	9,425	496	305	2	13,360	5.1	684	9-67	29	499	26
47-55-9015	2575082	576049	11	7	64	11	8,175	411	305	2	13,050	4.7	609	9-67	39	562	13
47-55-9081	2535921	578776	10	19	63	12	9,193	439	305	3	12,923	4.1	527	11-67	35	758	19
47-55-9081	2532848	578776	4	27	64	13	9,333	447	305	3	12,346	4.1	501	3-68	35	667	15
47-55-9081	2607350	589136	8	8	65	17	10,220	473	305	1	15,970	5.2	834	9-67	30	761	40
47-55-9081	2495349	578776	10	31	62	9	9,130	447	305	4	12,572	4.4	559	10-67	37	746	24

TABLE 6.—HIGH-RANKING PROGENY OF DHIA SIRE: JERSEY—Continued

COW'S LAST HERD CODE	COW'S REGISTRATION NO.	COW'S SIRE REGISTRATION NO.	COW'S BIRTH DATE (Mo.) (Day) (Yr.)	HERDMATES			AVERAGE PRODUCTION OF COW				LAST CALVING		REPEAT- ABILITY (Pct.)		COW INDEX	
				NUM- BER	MILK (Lb.)	FAT (Lb.)	IN MILK (Days)	REC- ORDS	MILK (Lb.)	FAT (Pct.)	(Mo.) (Yr.)	CAR			MILK	FAT
48-03-0008	2504805	531074	11 8 61	15	9,010	495	305	1	13,090	5.7	747	5-67	31	522	24	24
48-03-0008	2630734	592845	8 6 64	7	8,820	478	295	2	12,935	5.1	662	1-68	29	506	25	25
48-19-9016	2511651	591160	10 23 62	23	8,883	468	305	3	11,946	5.3	628	5-67	33	467	21	21
48-19-9016	2511653	591160	11 30 62	23	9,507	496	305	4	13,120	4.9	642	3-68	35	565	23	23
48-19-9016	2532466	594664	3 29 63	21	9,940	507	303	4	13,465	4.0	545	4-68	35	790	14	14
48-19-9016	2532471	594664	5 24 63	19	9,163	477	305	3	11,660	4.3	499	9-67	33	679	11	11
48-19-9016	2549490	594664	9 4 63	28	9,806	516	305	3	14,080	4.7	664	2-68	33	857	29	29
48-19-9016	2490598	591160	1 10 62	24	9,680	499	305	5	13,174	4.9	649	3-68	36	571	25	25
48-26-9046	2467957	588142	2 11 61	13	9,052	458	305	4	12,005	4.9	591	7-67	34	492	23	23
48-26-9046	2508889	588142	6 6 62	15	9,065	468	305	4	13,085	5.0	658	10-67	34	646	31	31
48-26-9046	2562767	588142	12 14 63	12	9,153	477	305	3	11,703	5.1	598	1-68	32	411	20	20
48-26-9046	2562764	588142	8 8 63	14	9,100	471	305	3	11,823	5.1	602	10-67	32	434	21	21
48-26-9046	2622502	598635	3 4 64	22	9,680	495	305	1	13,390	5.0	667	9-67	22	476	22	22
48-26-9046	2622518	584726	5 24 65	27	9,920	507	305	1	14,540	5.0	727	10-67	24	472	23	23
48-26-9046	2622507	598635	8 4 64	23	9,245	479	305	2	11,880	5.0	596	10-67	28	446	21	21
48-26-9046	2712092	598635	9 2 65	20	10,230	532	305	1	13,560	5.1	688	1-68	22	447	21	21
48-28-9030	2644987	594664	3 25 65	6	10,990	574	249	1	14,840	4.5	664	9-67	25	668	18	18
48-28-9030	2644992	594664	8 17 64	13	10,945	523	304	2	14,275	4.4	634	11-67	30	703	19	19
48-44-0126	2541675	578382	9 16 60	9	9,663	556	305	3	12,173	5.1	617	9-67	39	583	17	17
48-44-0126	2440397	567009	6 13 59	13	10,287	559	302	4	13,322	6.1	815	1-68	39	404	36	36
48-50-0033	2644975	594664	12 16 65	15	9,500	451	305	1	12,500	4.8	594	1-68	24	656	22	22
48-86-9027	2643630	596262	1 2 66	6	11,360	576	305	1	15,070	5.2	790	2-68	23	499	28	28
48-86-9027	2645400	596262	9 11 65	7	9,300	467	305	1	12,880	5.0	645	11-67	23	468	24	24
48-86-0043	2561148	563813	4 22 64	18	8,465	437	305	2	12,140	4.8	588	5-67	39	519	22	22
50-10-0099	2668925	563805	12 16 64	17	7,330	393	305	1	12,830	4.8	610	6-67	34	683	29	29
51-03-9068	2638796	563813	7 3 65	24	6,560	359	305	1	10,030	5.4	541	9-67	35	409	21	21
51-03-9068	2596795	567370	11 19 61	10	7,435	404	294	2	11,090	5.4	600	11-67	40	587	26	26
51-17-0004	2637558	583333	11 2 65	16	8,620	466	305	1	12,460	4.8	602	4-68	30	589	19	19
51-17-0163	2642701	583333	7 30 65	9	8,180	406	305	1	12,120	4.9	589	3-68	30	584	22	22
52-07-0034	2628704	573552	7 5 65	31	9,850	514	305	1	14,880	5.2	781	1-68	30	376	24	24
52-07-0044	2598498	583481	11 2 64	30	8,880	468	305	1	12,790	5.2	660	6-67	25	442	26	26
52-07-0044	2557329	572331	4 22 64	58	10,120	541	305	2	12,110	4.6	557	6-67	32	619	17	17
52-15-0008	2490000	534755	7 16 62	26	8,915	459	295	4	12,177	4.2	506	7-67	41	660	12	12
52-33-0019	2435842	589136	6 2 61	28	8,136	421	305	3	10,400	5.2	542	7-67	37	523	24	24
52-33-0019	2598312	563945	5 4 65	43	8,590	441	305	1	14,250	4.3	609	8-67	35	683	14	14
52-33-0019	2533663	592556	8 9 63	40	8,550	434	305	1	12,200	5.3	648	8-67	24	474	24	24
52-68-0004	2534107	534755	10 10 61	38	8,322	431	305	5	11,110	5.2	580	8-67	41	592	25	25
52-68-0004	2401664	534755	7 16 60	32	8,524	442	298	4	12,100	4.8	586	12-67	42	713	25	25
52-68-6007	2592932	591297	10 15 64	26	7,960	401	305	1	11,090	5.1	563	7-67	34	387	20	20
52-68-6007	2579058	577134	11 27 63	23	8,185	421	305	2	11,335	4.9	554	5-67	36	562	16	16
52-68-6007	2549237	596438	10 2 63	45	8,040	425	302	3	10,433	5.3	548	11-67	32	429	21	21
52-68-0020	2316110	574743	9 20 58	64	10,098	524	305	7	12,137	5.1	623	2-68	38	398	20	20
52-68-0020	2450149	572137	8 29 61	72	10,422	542	305	5	12,770	5.1	649	1-68	42	360	26	26
52-75-0027	2504049	534755	10 3 62	19	9,170	471	305	4	11,200	5.3	597	10-67	41	506	23	23
52-82-0030	2395346	553236	9 26 60	7	9,097	486	305	4	10,065	5.4	545	11-67	41	403	23	23

54-13-0008	2298669	534755	9 21 58	13	8,251	427	298	6	11,638	5.0	578	5-67	42	684	26
54-13-0013	2611793	591883	9 2 65	21	9,060	451	302	1	11,580	5.2	607	8-67	23	367	20
54-17-0014	2616997	583333	11 9 65	24	9,740	484	305	1	14,990	4.5	674	10-67	29	697	21
54-17-0036	2669828	583333	5 19 65	15	7,980	416	293	1	11,340	5.0	568	11-67	30	544	20
54-27-0023	2526531	497574	1 19 63	17	8,663	429	305	3	10,463	4.4	464	2-67	42	589	18
54-46-0001	2642844	603192	7 28 65	23	9,860	509	305	1	13,430	5.7	771	11-67	22	438	29
54-46-0001	2660303	603192	11 25 65	23	10,290	527	305	1	15,200	4.4	669	12-67	22	564	18
55-00-0045	2445792	578146	8 3 61	41	8,972	458	305	5	12,720	4.9	617	10-67	37	705	30
55-10-6003	2477756	589069	6 20 62	19	8,320	461	305	3	11,966	4.4	525	8-67	36	581	14
55-10-6004	2525262	497574	3 29 63	11	7,620	356	305	1	8,420	5.6	469	9-67	35	469	24
55-10-6009	2531341	497574	5 24 63	68	7,396	356	286	3	9,930	4.6	457	6-67	42	660	25
55-10-6009	2610161	598223	5 22 65	164	8,170	413	305	1	12,260	4.8	594	9-67	24	446	20
55-10-6009	2582743	598426	8 21 64	105	7,785	380	305	2	11,830	3.9	457	10-67	32	616	10
55-10-6009	2544923	497574	9 3 63	100	7,556	378	305	3	8,460	5.1	433	9-67	42	472	20
55-10-6009	2483059	497574	2 18 62	56	7,295	362	297	4	9,517	4.8	458	7-67	43	630	25
55-10-6009	2473460	497574	12 24 61	58	8,565	426	300	4	10,880	4.6	505	8-67	43	658	23
55-10-6009	2388036	497574	4 17 60	51	8,494	421	301	5	10,508	4.9	518	4-67	44	626	26
55-10-6009	2397031	497574	7 25 60	50	8,074	402	305	5	11,202	4.9	549	8-67	44	766	32
55-16-0001	2409267	553236	9 24 60	32	7,346	369	302	5	9,498	5.1	482	8-67	42	543	29
55-16-0001	2409270	553236	11 5 60	25	7,862	389	300	5	8,770	5.1	443	12-67	42	381	21
55-16-0001	2422209	497574	12 10 60	16	8,836	422	298	3	10,180	5.1	524	8-67	42	538	26
55-17-0017	2434250	571366	10 24 58	16	7,500	361	303	5	10,848	4.6	497	2-68	35	531	21
55-22-0004	2485738	589874	5 24 62	51	10,520	505	301	4	15,937	4.4	695	9-67	33	822	28
55-22-0004	2560333	575184	2 9 64	46	11,336	554	302	3	14,280	5.1	734	1-68	42	464	24
55-22-0004	2560338	564125	3 2 64	59	11,300	550	305	2	14,335	5.6	802	6-67	40	438	29
55-22-0004	2545922	575184	1 7 64	48	11,435	556	305	2	16,405	4.7	768	5-67	40	639	22
55-22-0004	2514394	497574	5 30 62	56	10,502	507	305	4	12,857	4.4	570	8-67	43	687	22
55-29-0043	2397030	497574	7 22 60	35	7,720	374	303	3	10,776	4.7	506	7-67	42	724	29
55-35-0004	2416380	562315	8 21 60	94	8,738	461	280	6	11,365	5.8	661	3-68	44	408	30
55-35-0004	2356319	565141	1 1 60	29	9,035	473	248	6	14,120	5.7	810	11-67	40	688	45
55-35-0004	2487962	553904	9 24 62	139	8,715	461	305	4	13,577	4.9	669	11-67	39	706	33
55-35-0004	2543582	593210	12 12 63	148	9,005	470	305	2	13,695	4.6	631	8-67	31	630	22
55-35-0004	2603249	571291	11 25 62	148	9,010	470	305	2	12,605	5.0	634	8-67	40	518	24
55-35-0004	2602495	580237	1 19 65	129	8,980	481	305	1	15,750	4.4	695	10-67	26	622	17
55-35-0004	2625803	599136	2 16 65	133	8,790	466	305	1	13,710	4.3	596	5-67	23	590	18
55-35-0046	2580250	560800	10 13 64	7	8,780	476	305	2	13,245	4.6	614	11-67	40	746	23
55-35-0046	2537305	560800	8 20 63	6	8,693	454	301	3	11,510	5.0	572	12-67	42	609	22
55-48-0068	2579033	574246	10 16 63	32	7,080	344	305	2	10,940	5.1	559	8-67	35	694	33
55-48-0068	2485531	577134	9 28 61	25	7,095	349	305	2	10,860	4.4	476	8-67	36	599	13
55-48-0068	2485547	497574	10 22 62	28	6,940	344	291	2	9,800	4.9	480	12-67	40	665	28
55-61-0010	2503903	534755	1 25 63	30	8,173	416	305	3	13,343	5.0	663	10-67	40	857	35
55-70-0005	2585500	560800	11 14 64	17	9,560	521	305	1	13,220	4.8	629	8-67	35	591	18
55-70-0005	2585502	57180	12 9 64	20	9,670	688	305	1	13,260	5.0	688	6-67	23	475	23
55-70-0005	2567595	574191	9 23 64	26	11,490	576	305	2	16,050	4.2	646	1-68	38	574	9
55-83-6035	2555698	546137	11 20 63	40	7,590	389	303	3	9,190	5.5	502	9-67	42	440	28

TABLE 6.—HIGH-RANKING PROGENY OF DHIA SIRE: JERSEY—Continued

COW'S LAST HERD CODE	COW'S REGISTRATION NO.	COW'S SIRE REGISTRATION NO.	COW'S BIRTH DATE (Mo.) (Day) (Yr.)	HERDMATES			AVERAGE PRODUCTION OF COW				LAST CALVING (Mo.) (Yr.)		REPEAT- ABILITY (Pct.)	COW INDEX	
				NUM- BER	MILK (Lb.)	FAT (Lb.)	IN MILK (Days)	REC- ORDS	MILK (Lb.)	FAT (Pct.)				MILK	FAT
55-83-6035	2602240	583481	8 2 63	42	7,600	388	297	2	10,605	5.1	539	11-67	30	430	25
55-83-6035	2505920	583109	9 12 62	17	8,300	408	305	2	11,080	5.0	553	6-67	30	405	26
55-91-6004	2538579	560800	8 3 65	18	8,016	422	305	3	11,013	4.4	488	8-67	42	622	15
55-91-0046	2632521	567241	8 3 65	21	8,890	474	302	1	13,290	4.9	650	12-67	31	400	21
56-36-0001	2460330	580137	12 11 61	16	8,986	479	298	5	11,596	5.3	611	1-68	36	414	23
56-36-0003	2443323	577027	8 13 61	18	8,090	393	303	4	11,602	4.7	544	9-67	35	511	21
56-36-0003	2636914	579695	7 23 64	11	7,770	391	289	2	11,420	5.0	566	4-68	30	487	24
56-36-0023	2523069	563805	1 7 63	119	11,002	568	303	4	13,690	5.2	716	12-67	42	610	32
56-36-0023	2545216	563805	11 17 63	128	10,770	556	304	3	12,730	5.0	638	11-67	41	500	22
56-36-0023	2545201	575184	10 7 63	116	11,386	586	305	3	16,416	5.0	818	3-68	42	708	30
56-36-0023	2545184	563805	8 31 63	143	10,490	542	305	3	11,566	5.3	610	11-67	41	392	20
56-36-0023	2567142	563805	1 29 64	133	9,870	512	305	2	13,540	5.3	716	8-67	38	649	34
56-36-0023	2364360	571160	9 5 59	119	10,770	558	303	7	14,954	4.4	654	1-68	38	570	13
56-36-0023	2380278	578330	12 14 59	113	10,866	559	305	6	15,918	5.4	856	1-68	42	663	42
56-36-0023	2319891	568148	10 5 58	107	10,802	557	305	5	13,522	5.1	690	7-67	36	484	25
56-36-0024	2589422	593327	3 6 65	41	9,290	488	305	1	14,560	4.9	710	6-67	24	471	20
56-36-0028	2613826	497574	11 11 63	71	9,540	495	302	3	12,490	4.9	618	11-67	42	733	29
56-36-0028	2567227	578146	2 25 64	67	9,253	482	290	3	12,876	4.8	623	9-67	34	643	26
56-36-0028	2567246	578146	8 19 64	71	8,945	471	303	2	11,420	5.1	588	8-67	32	456	21
56-36-0028	2521978	578146	3 17 63	56	9,776	506	302	3	11,556	5.1	592	1-68	34	409	20
56-36-0028	2544172	578146	10 13 61	55	9,716	504	305	3	11,980	5.1	611	12-67	34	472	22
56-36-0028	2521987	497574	8 6 63	37	9,366	487	305	3	10,963	5.3	576	11-67	42	573	25
56-36-0028	2445805	578146	9 15 61	67	9,152	469	304	4	12,235	5.0	609	8-67	36	596	27
56-36-0028	2437904	578146	7 24 61	52	9,770	503	303	5	12,436	5.0	619	1-68	37	559	25
56-36-0028	2445801	578146	8 20 61	75	9,082	472	305	5	12,110	5.0	607	10-67	37	602	27
56-36-0028	2361292	497574	11 27 59	21	8,885	457	303	4	10,120	5.1	519	3-67	43	527	22
56-36-0028	2421516	497574	8 11 60	56	8,434	440	305	5	10,980	5.0	546	10-67	44	694	27
56-36-0030	2373743	497574	1 27 60	52	11,214	597	303	5	15,068	4.9	738	3-67	44	901	34
56-36-0030	2395652	497574	11 24 60	57	11,176	594	305	5	13,296	5.1	684	3-67	44	675	27
56-36-0030	2412665	573640	1 5 61	67	10,604	566	305	5	13,338	5.0	663	2-68	36	412	21
56-36-0030	2323885	573640	2 2 59	58	10,381	556	304	6	13,056	5.6	726	11-67	36	400	31
56-36-0030	2446929	573640	8 22 61	78	10,602	567	299	4	13,202	5.1	679	2-68	35	375	22
56-36-0030	2531088	592439	8 6 63	89	10,600	566	305	2	15,320	4.9	756	3-68	29	659	25
56-36-0038	2530473	562315	9 6 63	88	9,933	519	305	3	13,213	4.9	654	9-67	42	464	21
56-36-0038	2559001	593148	11 14 63	45	10,790	558	305	3	16,600	4.9	808	2-68	32	890	39
56-36-0038	2590226	593148	2 26 63	47	10,486	537	303	3	14,570	4.9	721	7-67	32	666	29
56-36-0038	2631494	497574	2 20 63	100	10,160	533	305	1	12,390	5.1	634	7-67	35	596	24
56-38-0056	2604503	595030	3 9 65	153	8,520	433	305	1	13,460	5.0	669	9-67	26	417	24
56-38-0056	2585127	589634	11 11 64	101	9,255	460	305	2	12,440	5.0	622	1-68	29	493	21
56-38-0056	2561906	592538	1 12 64	57	9,260	459	301	2	13,405	4.3	583	12-67	30	710	24
56-38-0056	2572714	597639	1 24 64	146	8,790	423	305	1	15,020	5.0	744	10-66	23	552	27
56-38-0056	2523172	592538	12 15 62	51	8,110	382	304	3	10,000	5.1	510	7-67	33	445	25
56-38-0056	2538386	592538	8 18 63	53	9,980	496	305	2	12,035	5.5	667	3-68	30	469	30
56-38-0056	2523173	592538	12 30 62	139	8,490	429	305	1	13,950	5.4	749	8-67	24	710	39
56-38-0056	2530848	572331	10 22 63	78	9,730	495	218	3	11,020	5.4	595	1-68	35	519	27

56-38-0056	2523515	585904	8 21 62	143	8,530	433	305	1	12,180	5.4	663	10-67	35	439	21
56-38-0056	2523482	585904	8 28 61	129	8,850	439	302	2	12,240	5.1	628	10-67	39	505	23
56-38-0056	2503761	592538	11 1 62	62	8,256	389	299	3	11,746	4.6	540	7-67	33	661	28
56-41-0036	2389436	497574	3 28 60	18	8,876	463	299	5	11,446	4.6	525	4-67	44	703	22
56-41-0036	2346579	497574	10 15 59	17	8,190	429	305	6	9,850	5.2	512	9-67	44	576	24
56-41-0036	2458883	497574	8 5 61	18	8,695	458	305	4	9,632	5.5	527	10-67	43	488	22
56-41-0036	2358742	497574	1 16 60	14	8,388	439	305	5	9,028	5.7	515	7-67	44	445	24
56-41-0036	2343192	497574	10 25 59	16	8,161	427	303	6	9,000	5.8	523	7-67	44	468	26
56-42-0012	2494662	591179	7 31 62	52	9,373	426	305	3	12,373	4.6	569	9-67	32	527	21
56-43-0003	2528263	497574	7 27 63	55	8,996	451	300	3	12,380	4.5	551	11-67	42	777	26
56-43-0003	2534302	594002	12 10 63	58	9,566	483	302	3	13,050	5.2	684	12-67	33	550	34
56-43-0003	2563459	497574	3 13 64	46	8,850	453	295	2	11,445	5.1	580	12-67	40	658	28
56-43-0015	2656219	602117	9 6 65	18	9,690	476	305	1	13,350	4.8	642	3-68	23	439	20
56-43-0020	2533657	592556	2 24 63	17	8,373	439	305	3	12,810	4.6	590	2-68	33	730	26
56-43-0020	2466142	497574	10 17 61	15	8,982	455	299	4	10,697	4.7	500	7-67	43	588	19
57-10-0014	2646748	564043	7 31 63	25	8,295	419	293	2	13,315	4.9	650	10-67	37	428	23
57-16-0002	2542274	564125	8 28 63	24	9,083	479	304	3	13,183	4.8	636	2-68	42	556	23
57-21-0501	2531959	525627	11 27 61	49	8,936	500	305	3	13,443	5.2	703	8-67	41	815	29
57-21-0501	2559528	563805	1 31 64	36	8,385	462	305	2	11,610	4.6	536	8-67	38	587	20
57-21-0501	2585740	525627	9 12 64	52	8,430	469	299	2	11,780	5.2	609	10-67	38	635	20
57-21-0501	2489706	525627	6 14 62	37	8,970	492	305	3	12,746	5.2	663	4-67	41	728	26
57-21-0501	2502417	525627	11 6 62	41	9,270	507	305	3	12,086	5.5	659	2-67	41	618	23
57-21-0501	2274244	563805	1 11 58	35	8,422	457	300	4	11,880	5.5	657	8-67	42	676	37
57-21-0501	2195921	563805	3 31 57	61	8,880	481	305	1	11,040	5.4	591	9-67	34	436	22
57-21-0501	2274260	563805	3 28 58	53	9,455	508	305	2	12,410	5.3	656	5-67	38	570	28
57-21-0509	2527269	591346	7 9 61	17	8,223	433	303	3	11,800	5.3	628	11-67	32	530	31
57-21-0509	2527278	591346	10 12 63	13	8,550	464	305	3	11,163	5.2	580	2-68	32	404	20
57-21-0509	2623398	591346	7 7 63	13	8,420	449	305	2	12,750	5.4	690	2-68	29	570	34
57-31-0502	2624331	576127	8 31 65	63	7,300	403	305	1	11,710	5.1	598	11-67	33	517	25
57-31-0502	2624322	576127	8 12 65	63	7,300	403	305	1	10,920	5.3	584	11-67	33	455	24
57-31-0502	2574439	564125	5 20 64	75	7,045	387	305	2	11,080	5.2	572	11-67	40	496	21
57-31-0502	2683856	576127	11 19 65	71	8,900	479	305	1	13,150	5.3	694	12-67	33	533	31
57-31-0502	2683867	576127	2 8 66	92	8,150	444	305	1	12,020	5.0	595	11-67	33	498	26
57-81-0001	2560611	546137	4 1 64	35	9,450	465	286	2	11,545	5.0	576	6-67	40	496	27
57-81-0001	2571224	546137	5 13 64	38	9,490	465	305	2	10,935	5.2	565	6-67	40	430	26
57-81-0001	2571230	546137	7 18 64	28	10,025	515	298	2	13,045	5.3	685	11-67	40	596	34
57-81-0001	2571232	546137	7 29 64	34	9,430	471	305	2	11,185	4.9	547	8-67	40	461	24
57-81-0001	2571231	546137	7 27 64	32	9,925	505	305	2	11,600	5.7	665	10-67	40	458	33
57-81-0001	2605365	571382	7 20 65	32	9,170	459	296	1	13,030	4.4	571	7-67	31	627	13
57-81-0001	2605372	571382	9 19 65	24	10,530	557	305	1	13,010	4.6	597	11-67	33	635	10
57-81-0001	2605371	571382	9 16 65	24	10,530	557	305	1	12,360	4.7	586	11-67	33	582	9
57-81-0001	2587954	546137	8 6 64	29	9,940	504	305	2	11,010	4.9	540	11-67	40	396	20
57-81-0001	2587956	571382	8 8 64	37	9,650	493	297	1	11,920	5.1	603	8-67	33	611	15
57-88-0001	2602140	560800	2 14 65	59	8,270	449	305	1	11,180	5.9	655	7-67	35	524	25
57-88-0001	2602162	576127	7 26 65	88	8,340	452	305	1	11,080	4.9	547	9-67	33	411	22

TABLE 6.—HIGH-RANKING PROGENY OF DHIA SIRE: JERSEY—Continued

COW'S LAST HERD CODE	COW'S REGISTRATION NO.	COW'S SIRE REGISTRATION NO.	COW'S BIRTH DATE (Mo.) (Day) (Yr.)	HERDMATES			AVERAGE PRODUCTION OF COW				LAST CALVING		REPEAT- ABILITY (Pct.)	COW INDEX	
				NUM- BER	MILK (Lb.)	FAT (Lb.)	IN MILK (Days)	REC. ORDS	MILK (Lb.)	FAT (Pct.)	(Mo.) (Yr.)	CAR		MILK	FAT
57-88-0001	2560980	560800	1 9 64	68	8,420	439	299	2	10,295	5.4	7-67		40	478	20
57-88-0001	2531596	560800	8 21 63	63	8,750	447	305	2	11,185	5.1	8-67		40	539	20
58-05-0008	2421432	577474	10 18 60	97	8,846	417	301	5	10,404	5.0	3-68		42	390	21
58-05-0008	385618C	126125C	3 2 64	157	7,490	350	302	2	11,685	4.8	9-67		34	367	21
58-05-0010	2711086	560800	9 17 64	108	9,440	456	305	1	12,750	5.1	7-67		35	563	24
58-05-0010	2705031	564125	11 24 64	59	9,350	458	275	2	13,650	4.8	1-68	H	40	547	23
58-05-0010	2705030	564125	11 21 64	66	9,665	468	305	2	13,520	4.6	3-68		40	479	20
58-05-0023	2306728	526137	10 1 57	30	9,243	451	305	6	13,098	4.4	9-67		42	659	17
58-05-0026	2579051	574246	11 15 63	43	8,515	400	305	2	11,465	4.1	11-67		35	609	18
58-05-0026	2580284	563813	9 9 64	46	7,935	376	303	2	10,910	4.7	10-67		40	450	20
58-06-0026	2515984	497574	3 9 63	16	9,003	417	296	3	12,613	4.1	10-67		42	804	26
58-08-0005	2611675	592468	11 18 63	34	10,440	515	305	2	13,770	5.8	3-68		29	434	37
61-06-0001	2302603	525627	12 4 58	21	7,818	394	303	7	10,255	4.4	8-67		43	581	12
61-06-0001	2302600	525627	8 26 58	21	7,410	377	305	7	10,894	4.7	7-67		43	714	21
61-06-0002	2559582	595550	3 19 64	43	8,155	409	305	2	11,285	5.2	10-67		38	431	23
61-06-0004	2548906	595550	1 6 64	46	9,740	500	303	3	12,230	4.9	11-67		40	426	20
61-06-0004	2578053	595550	10 7 64	49	9,810	508	301	2	14,825	5.5	1-67		38	647	37
61-06-0004	2242462	525627	10 19 57	24	9,482	480	303	8	12,321	5.0	9-67		43	656	23
61-06-0004	2502829	525627	12 21 62	41	9,162	474	303	4	12,317	5.3	11-67		42	679	27
61-06-0004	2464157	567370	10 12 61	36	8,137	422	305	4	12,232	4.6	11-66		43	723	24
61-06-0004	2464153	567370	9 23 61	37	8,315	434	305	4	11,525	4.7	11-66		43	615	19
61-06-0004	2502834	525627	2 23 63	41	8,997	468	305	4	12,340	5.3	11-67		42	701	29
61-06-0019	2272566	525627	3 11 58	8	7,821	386	294	6	11,086	4.8	8-67		43	691	24
61-06-0036	2607479	525627	4 18 65	5	7,150	373	305	1	10,880	4.5	9-67		34	582	14
61-08-0033	2562979	567370	9 15 63	7	7,880	451	305	1	12,140	5.5	6-67		35	562	24
61-09-0023	2431329	587561	3 28 61	12	9,698	479	302	5	12,734	5.0	11-67		35	473	24
61-18-0001	2502257	525627	4 13 63	7	9,666	484	305	3	13,860	5.0	5-67		41	786	30
61-18-0001	2632687	578330	9 2 64	9	9,045	463	305	2	15,060	5.1	11-67		37	590	34
61-24-0010	2299202	525627	4 12 58	20	8,395	430	302	6	11,581	4.8	7-67		43	688	22
61-25-0005	2265792	519827	11 12 57	25	7,115	349	305	2	13,000	4.1	8-67		38	845	28
61-25-0029	2587480	519827	6 26 60	13	7,346	346	302	3	10,193	4.6	6-67		40	556	22
61-31-0001	2353071	519827	9 12 59	11	9,540	473	305	3	12,446	4.8	1-68		40	589	24
61-33-0015	2661863	595550	7 2 65	18	7,890	390	305	1	11,600	4.6	12-67		33	412	20
61-33-0015	2531900	571291	5 8 63	19	6,283	316	305	3	9,283	5.2	486		42	465	25
61-41-0037	2539057	563813	10 31 63	16	8,293	408	299	3	10,546	5.3	11-67		42	407	24
61-54-0009	2461747	567370	11 1 61	6	7,060	340	251	4	10,102	4.8	10-67		43	574	23
61-60-0034	2655791	595550	11 10 64	9	7,690	405	305	1	10,960	5.2	12-67		33	376	21
61-60-0034	2619638	595550	7 18 65	20	6,800	356	305	1	10,250	5.4	8-67		33	383	24
61-77-0001	2500415	567370	3 3 62	11	7,665	363	287	4	10,675	4.3	4-67		43	582	17
61-99-0003	2507327	595550	3 16 63	13	10,183	509	304	3	12,486	4.8	6-67		40	409	20
61-99-0003	2620825	578382	11 13 65	20	10,770	541	304	1	15,770	4.4	11-67		32	709	18
61-99-0003	2620827	571382	11 16 65	26	10,320	513	304	1	13,410	4.5	8-67		33	681	14
61-99-0003	2578199	595550	9 11 64	27	10,435	521	291	2	12,855	5.3	1-68		38	394	26
63-01-0010	2543925	497574	10 5 62	20	7,630	379	305	1	9,340	4.8	10-67		35	537	21
63-01-0028	2527360	590781	4 22 63	11	7,495	370	305	2	11,280	4.8	11-67	H	31	425	22

63-01-0028	2644060	592728	1 24 65	7	7,700	370	305	1	12,430	4.6	573	11-67	23	604	23
63-03-1017	2580155	597564	7 28 64	27	8,935	455	305	2	11,025	5.5	604	10-67	29	418	24
63-03-1017	2580169	597564	1 7 65	21	9,385	464	305	2	11,445	5.2	598	2-68	29	398	23
63-03-1017	2580160	597564	9 30 64	25	8,875	451	305	2	12,190	5.3	651	11-67	29	565	30
63-03-1017	2580154	597564	7 24 64	25	8,800	449	305	2	11,680	5.0	588	10-67	29	512	23
63-03-0020	2363331	558412	8 31 58	10	8,773	432	305	3	11,656	5.0	588	8-67	34	434	22
63-03-0021	2622582	546137	8 7 65	16	9,170	475	305	1	11,960	5.2	626	9-67	35	506	28
63-03-0021	2622584	546137	8 23 65	16	9,170	475	298	1	11,740	5.1	600	9-67	35	489	27
63-03-0021	2622581	546137	6 14 65	16	9,170	475	305	1	10,920	4.7	511	9-67	35	427	20
63-06-0002	2461048	563813	11 30 61	58	9,102	468	300	4	11,050	5.4	593	10-67	43	394	23
63-06-0002	2417595	580149	12 26 60	17	9,267	507	304	4	11,277	5.6	633	10-67	35	397	21
63-06-0002	2417597	580149	1 23 61	22	9,700	542	305	3	14,450	5.1	736	11-67	33	751	29
63-06-0002	2448767	580149	9 22 61	10	9,706	520	296	3	12,633	5.0	634	2-68	33	499	20
63-06-1117	2580165	597564	11 26 64	7	8,400	392	303	1	10,720	5.2	554	10-67	23	382	21
63-07-0007	2563890	497574	1 21 64	34	9,060	440	294	1	11,120	4.9	548	5-67	35	575	24
63-07-0007	2563894	497574	2 28 64	35	8,110	406	305	1	10,610	5.7	603	9-67	35	601	31
63-07-0007	2534814	497574	11 25 63	44	8,830	444	295	3	11,150	4.7	528	11-67	42	651	24
63-07-0007	2534804	497574	5 27 63	29	8,745	430	295	2	11,140	4.7	519	6-67	40	636	24
63-07-0007	2534811	497574	10 9 63	35	8,930	450	291	2	10,035	5.1	516	12-67	40	507	22
63-07-0014	2525913	497574	8 11 63	11	6,075	314	285	2	7,885	5.1	400	3-67	40	550	22
63-07-0015	2522482	497574	7 24 63	19	7,075	365	290	2	9,115	5.2	478	11-67	40	583	25
63-07-0015	2509373	563805	8 27 62	32	6,920	355	302	1	8,730	5.6	488	10-67	34	394	22
63-07-0016	2545858	497574	9 17 61	46	8,202	404	303	5	9,612	5.0	476	9-67	44	543	22
63-08-0033	2516199	567370	1 1 63	12	8,543	421	305	3	12,216	4.9	597	3-67	42	651	26
63-09-0005	2544090	592373	8 21 63	14	9,726	481	305	3	12,720	5.0	636	3-68	32	521	25
63-09-0005	2588980	592373	9 27 64	25	8,810	443	305	1	12,460	5.1	638	9-67	24	444	22
63-11-0012	2611266	578382	8 11 65	27	5,970	306	298	1	9,970	4.9	487	8-67	30	588	19
63-12-0008	2540179	590136	2 15 63	16	8,546	401	305	3	11,440	5.0	570	7-67	32	426	27
63-12-0008	2476511	590136	2 10 62	14	8,542	404	302	4	11,102	5.2	573	7-67	33	403	28
63-13-0008	2480821	497574	7 22 62	13	8,473	427	272	3	9,406	5.3	503	10-67	42	486	23
63-13-0008	2480824	497574	8 15 62	11	8,072	403	297	4	10,942	4.3	474	10-67	43	721	22
63-13-0008	2473915	497574	4 3 62	7	8,102	403	305	4	10,037	5.2	522	10-67	43	605	28
63-13-0008	2429059	497574	5 1 61	6	8,477	419	305	4	10,387	4.8	499	10-67	43	606	23
63-13-0017	2620275	590317	10 5 65	47	8,490	443	305	1	10,880	5.7	624	10-67	27	400	25
63-13-0017	2620276	590317	10 12 65	47	8,490	443	305	1	11,430	5.1	583	10-67	27	447	22
63-13-0017	2584688	590317	8 7 61	41	9,630	487	305	2	12,635	5.2	656	2-68	32	512	29
63-13-0017	2606654	590317	5 15 65	59	8,510	442	305	1	11,350	5.2	594	9-67	27	439	23
63-13-0017	2606657	590317	6 13 65	59	8,510	442	304	1	11,470	5.0	569	9-67	27	449	21
63-13-0017	2606658	590317	7 1 65	24	8,740	457	305	1	11,470	6.1	695	11-67	27	431	30
63-13-0024	2436158	497574	3 7 61	11	8,832	456	303	5	10,364	5.3	547	6-67	44	567	26
63-17-0017	2600231	564125	7 29 64	51	7,230	363	305	2	11,990	4.4	527	9-67	40	572	18
63-19-0011	2597100	595406	12 20 64	21	11,185	526	305	2	15,410	4.5	701	12-67	30	520	23
63-19-0011	2551959	573071	9 21 63	27	10,860	519	255	3	14,040	4.5	630	12-67	34	537	20
63-20-0002	2158666	463756	12 4 54	17	6,890	326	304	8	8,267	5.3	439	9-67	41	402	23
63-20-0002	2226776	463756	8 9 54	10	7,574	364	305	7	9,738	4.8	464	8-67	41	520	21

TABLE 6.—HIGH-RANKING PROGENY OF DHIA SIRES: JERSEY—Continued

COW'S LAST HERD CODE	COW'S REGISTRATION NO.	COW'S SIRE REGISTRATION NO.	COW'S BIRTH DATE (Mo.) (Day) (Yr.)	HERDMATES			AVERAGE PRODUCTION OF COW				LAST CALVING		REPEAT- ABILITY (Pct.)	COW INDEX	
				NUM- BER	MILK (Lb.)	FAT (Lb.)	IN MILK (Days)	REC- ORDS	MILK (Lb.)	FAT (Pct.)	(Mo.) (Yr.)	CAR		MILK	FAT
63-22-0005	2399014	497574	8 10 60	19	7,486	382	298	6	9,515	4.7	12-67		44	615	21
63-22-0005	2493937	497574	7 23 62	20	7,920	405	305	3	10,920	5.4	2-67		42	720	35
63-22-0013	2454420	497574	11 30 61	11	6,925	339	305	2	10,990	4.3	2-67		40	788	27
63-22-0013	2429599	497574	4 17 61	13	6,126	306	290	3	9,313	4.8	9-67		42	721	29
63-23-0011	2451560	497574	12 20 61	48	8,695	423	253	4	10,382	4.3	7-67	8	43	581	16
63-23-0011	2390475	497574	9 8 60	56	8,208	411	261	6	9,585	5.3	8-67	8	44	539	26
63-23-0011	2466220	497574	2 8 62	41	9,670	464	276	4	10,937	4.9	2-67	8	43	541	23
63-23-0011	2487809	563805	3 12 62	68	8,852	428	243	4	11,975	4.4	8-67	8	42	638	23
63-23-0014	2488864	563805	2 25 62	51	10,470	519	305	4	15,400	4.6	11-67		42	888	36
63-23-0014	2509395	563805	3 1 63	57	10,470	535	305	2	13,770	4.9	11-67		38	616	28
63-23-0014	2147377	559928	11 20 55	45	9,494	480	301	7	13,837	4.7	8-67		37	694	24
63-23-0014	2580967	597562	9 13 64	52	10,400	523	305	2	17,440	4.1	12-67		29	999	29
63-23-0014	2573608	563805	6 29 64	49	10,520	532	305	2	11,365	5.6	11-67		38	360	24
63-23-0014	2573599	563805	5 5 64	57	10,685	535	305	2	11,810	5.3	9-67		38	391	22
63-23-0014	2573607	563805	6 17 64	42	10,485	514	305	2	13,445	5.3	8-67		38	581	33
63-23-0014	2598402	563805	3 4 65	39	10,640	521	305	1	14,760	4.6	6-67		34	602	26
63-23-0014	2530033	563805	4 18 63	52	10,363	519	305	3	11,413	5.1	10-67		41	388	20
63-23-0015	2610224	576127	9 18 65	33	9,730	458	305	1	13,200	4.5	1-68		33	479	25
63-23-0015	2565030	586681	7 17 64	68	7,765	379	305	2	11,795	5.3	8-67		33	399	23
63-23-0020	2586424	597560	8 26 64	46	9,280	437	305	2	17,075	4.3	10-67		29	898	35
63-23-0024	2614924	576127	6 14 65	65	8,570	429	305	1	11,900	4.5	9-67		33	459	22
63-23-0024	2572132	497574	4 20 64	72	8,610	428	305	2	10,440	5.2	10-67		40	577	27
63-23-0024	2687369	593820	1 13 66	62	9,650	463	305	1	12,770	4.6	1-68		26	362	21
63-24-0008	2594998	583396	8 3 64	16	7,995	396	305	2	11,990	5.3	11-67		37	536	21
63-24-0008	2411042	582494	10 2 60	14	8,080	397	305	1	13,340	4.7	4-68		23	510	21
63-26-0008	2428811	569336	12 24 58	24	7,717	365	251	4	10,540	4.4	6-67		37	722	23
63-32-0003	2615399	596956	5 15 65	7	8,450	405	305	1	11,910	4.7	7-67		22	463	20
63-32-0012	2446268	497574	7 22 61	7	6,515	326	303	4	9,125	4.8	12-67		43	669	26
63-32-0027	2203992	563955	4 23 57	53	11,786	569	303	8	13,826	5.2	1-68		41	371	30
63-32-0027	2304718	525627	12 6 58	45	13,330	645	302	2	16,260	4.6	6-67		38	642	17
63-32-0027	2604474	497574	3 22 65	62	13,570	683	305	1	15,820	5.3	10-67		35	623	29
63-32-0027	2646520	584458	10 30 65	66	13,470	682	305	1	18,470	4.6	10-67		34	771	23
63-32-0027	2646501	546137	9 15 65	62	13,540	680	305	1	17,450	4.7	9-67		35	623	30
63-32-0027	2646498	546137	9 10 65	35	14,160	707	305	1	15,850	5.4	11-67		35	460	30
63-32-0027	2581293	546137	11 1 64	65	13,195	655	305	2	16,455	4.7	10-67		40	653	30
63-32-0027	2581285	546137	9 13 64	69	13,145	651	302	2	14,115	5.4	9-67		40	418	29
63-32-0027	2535487	497574	7 15 63	64	12,963	633	299	3	13,546	5.6	10-67		42	497	31
63-35-0001	2504388	583147	8 7 62	31	7,892	395	303	4	12,740	4.2	12-67		35	671	16
63-35-0001	2514647	567370	8 30 61	32	7,613	371	291	3	11,470	4.6	11-66		42	662	24
64-03-0019	2513747	560800	5 3 63	54	7,970	388	305	2	10,805	5.1	10-67		40	571	25
64-08-9107	2567251	589386	9 29 63	26	7,393	357	302	3	11,230	4.7	3-68		33	576	28
64-08-9107	2663052	597613	3 24 65	12	6,260	301	305	1	10,810	5.1	8-67		22	542	28
64-08-9107	2663056	597613	6 3 65	12	6,260	301	305	1	9,190	5.1	4-68		22	395	21
64-08-9107	2672971	597613	11 18 64	12	6,260	301	305	1	8,850	6.0	8-67		22	364	26
64-08-9107	2663051	597613	3 15 65	12	6,270	302	305	1	10,360	4.4	7-67		22	500	20

64-08-9107	2602617	597613	1	4	65	12	6,260	301	305	1	9,400	5.2	493	8-67	22	414	23
64-12-0102	2590078	572730	2	14	65	38	8,730	447	305	1	13,200	4.8	635	11-67	24	518	23
64-12-0102	2306764	572730	9	25	58	15	9,167	441	301	8	11,968	4.9	591	2-68	36	529	27
64-12-0102	2303342	572730	11	4	58	30	8,222	406	296	5	10,246	5.1	521	7-67	36	398	22
64-12-0102	2393698	572730	8	21	60	26	8,333	415	304	6	10,973	4.7	516	12-67	36	492	20
64-12-0102	2420860	572730	3	1	61	21	8,878	430	305	5	11,344	4.9	558	1-68	36	474	24
64-28-0105	2619200	576127	8	6	65	32	9,370	459	305	1	11,800	4.8	572	2-68	33	395	23
64-28-0105	2591997	560800	9	6	64	28	8,910	445	295	2	10,410	5.6	582	9-67	40	445	22
64-28-0105	2590677	576127	12	20	64	22	9,660	488	305	1	11,680	4.8	562	6-67	33	365	20
64-28-0105	2589882	560800	6	12	64	18	10,040	509	299	1	13,750	4.4	608	5-67	35	598	17
64-36-0123	2472298	567370	11	11	61	57	7,503	389	297	3	10,553	4.6	489	10-66	42	566	17
64-48-0110	2500004	568016	4	6	62	66	8,870	450	300	5	11,874	4.9	577	2-68	38	508	23
64-48-0111	2500026	568016	8	22	62	55	7,470	381	305	3	10,830	5.0	543	11-67	36	493	25
64-48-0120	2393431	587027	9	7	60	40	9,628	494	305	5	13,154	5.0	652	6-67	38	438	20
64-50-0102	2682572	574191	10	12	65	20	7,260	356	305	1	13,800	3.8	523	11-67	34	569	9
64-53-0101	2367999	497574	8	18	59	11	7,757	364	297	7	9,871	4.5	449	7-67	44	629	24
64-53-0101	2367998	497574	8	7	59	13	7,630	359	303	7	9,214	4.7	432	9-67	44	558	22
64-58-0102	2491474	592813	9	12	62	23	9,300	417	305	2	13,055	4.6	603	2-68	29	568	28
64-58-0102	2491463	592813	8	15	62	44	8,697	414	293	4	11,555	4.7	541	12-67	33	515	23
64-58-0102	2491476	592813	9	22	62	51	8,230	381	274	4	10,692	4.7	504	7-67	33	450	22
64-58-0102	2553892	592813	9	19	63	52	8,323	389	294	3	10,296	5.1	520	9-67	32	365	23
64-61-0107	2477229	547848	3	9	62	60	7,062	344	305	4	10,782	4.9	526	9-67	35	494	26
64-61-0111	2485437	589772	5	21	62	111	7,433	366	302	3	10,703	4.7	502	11-67	33	553	21
64-61-0111	2411967	585867	10	19	60	58	8,077	395	305	4	11,055	5.1	559	5-67	35	483	22
64-61-0111	2308432	540688	8	20	58	60	7,500	376	295	3	11,303	4.9	551	8-67	35	558	26
64-61-0111	2523836	589772	1	5	63	92	7,136	344	305	3	9,283	5.1	475	11-67	33	399	20
64-61-0111	2538672	589772	7	1	63	117	7,355	357	304	2	12,140	4.7	574	11-67	30	692	30
64-61-0111	2523841	589772	2	18	63	116	6,965	340	305	2	10,175	4.8	484	8-67	30	500	21
64-99-0102	2523931	564125	4	14	63	6	9,893	438	295	3	12,473	4.7	590	6-67	42	388	22
64-99-0109	2591890	560800	12	2	64	8	8,950	435	305	1	14,500	4.9	708	8-67	35	729	29
65-02-0022	2547370	592109	9	17	63	113	7,130	355	292	2	12,400	4.6	567	12-67	30	627	25
65-02-0022	2568897	560800	3	2	64	110	6,585	330	291	2	10,110	4.7	471	12-67	40	628	22
65-02-0022	2505434	560800	9	13	62	121	7,220	363	293	4	9,885	4.6	458	11-67	43	588	18
65-03-0033	2485647	574246	6	2	62	17	7,210	390	290	1	10,500	4.6	487	11-67	30	562	19
65-03-0431	2447162	573431	8	31	61	6	10,140	468	272	5	10,830	4.9	526	3-68	43	366	21
65-08-0022	2538366	589199	8	6	63	50	6,863	330	298	3	10,890	4.9	529	10-67	34	602	32
65-08-0022	2538362	589199	9	29	62	40	7,186	348	291	3	9,853	4.8	471	12-67	34	428	22
65-09-0004	2549788	589136	12	9	63	24	7,726	384	287	3	9,536	4.9	471	12-67	37	426	20
65-09-0010	2606161	497574	4	25	63	10	6,810	320	300	2	9,660	5.0	480	9-67	40	663	30
65-11-0017	2411122	574246	10	6	60	6	9,470	435	305	2	13,365	4.4	587	9-67	35	725	27
65-11-0017	2485579	574246	12	12	61	6	9,385	437	305	2	10,650	4.9	518	11-67	35	432	20
65-17-0002	2656135	577134	12	3	65	31	8,460	433	305	1	12,720	4.6	580	12-67	32	583	14
65-18-0001	2485482	577134	3	4	61	22	7,720	352	305	3	12,723	4.5	576	8-67	39	803	27
65-18-0001	2493652	567063	7	2	62	28	7,900	370	297	4	10,700	5.0	530	9-67	42	399	22
65-18-0001	2411123	577134	10	6	60	26	7,686	352	302	3	11,433	4.6	526	8-67	39	649	21

TABLE 6.—HIGH-RANKING PROGENY OF DHIA Sires: JERSEY—Continued

COW'S LAST HERD CODE	COW'S REGISTRATION NO.	COW'S SIRE REGISTRATION NO.	COW'S BIRTH DATE (Mo., Day) (Yr.)	HERDMATES			AVERAGE PRODUCTION OF COW				LAST CALVING		REPEAT- ABILITY (Pct.)		COW INDEX	
				NUM- BER	MILK (Lb.)	FAT (Lb.)	IN MILK (Days)	REC- ORDS	MILK (Lb.)	FAT (Pct.)	(Mo.) (Yr.)	CAR			MILK	FAT
65-18-0004	2470396	559353	5 29 60	31	8,975	429	305	4	13,547	4.4	6-67		35		553	20
65-18-0004	2487820	563805	4 26 62	35	9,307	442	291	4	10,197	5.1	9-67		42		360	21
65-18-0004	2650394	600150	4 2 65	21	10,065	463	305	2	11,955	5.0	4-68		29		363	20
65-18-0004	2629975	597562	12 23 64	42	9,665	460	305	2	12,975	4.8	12-67		29		514	22
65-18-0004	2592089	563805	2 25 64	18	9,755	465	305	2	12,320	5.2	6-67		38		532	31
65-18-0008	2503511	560800	8 24 62	29	7,653	390	289	3	10,976	4.2	8-67		42		656	15
65-21-0002	2488927	572134	3 29 62	43	9,062	451	302	4	11,887	5.1	6-67		38		569	29
65-21-0002	2626488	563805	8 7 65	94	8,680	423	305	1	12,030	5.0	11-67		34		526	27
65-21-0003	2626444	563805	8 19 63	49	8,180	414	303	2	12,480	4.9	4-67		38		697	33
65-21-0003	2666410	563805	9 15 65	29	7,180	353	305	1	9,160	5.1	10-67		34		409	21
65-21-0003	2588926	560800	11 9 64	30	8,450	420	305	1	12,020	5.0	5-67		35		576	23
65-21-0003	2358975	558752	8 27 59	48	7,780	392	305	2	14,520	4.9	7-67		38		550	29
65-24-0005	2551405	575184	9 30 63	37	7,923	411	296	3	11,620	5.0	9-67		42		512	21
65-24-0006	2579040	577134	10 23 63	11	9,973	477	303	3	13,880	4.5	4-68		39		677	22
65-39-0001	2443863	589759	9 4 61	8	11,422	583	295	5	13,970	5.1	4-68		36		451	23
65-46-0002	2567700	497574	9 22 62	7	7,213	369	300	3	8,663	4.9	5-67		42		531	20
65-46-0004	2467403	587904	1 17 62	5	7,730	371	302	4	11,742	4.7	6-67		35		669	28
65-46-0004	2500638	587904	7 30 62	8	7,417	366	305	4	11,012	4.4	11-67		35		605	19
65-46-0004	2500639	587904	7 31 62	6	7,732	381	305	4	10,430	5.4	1-68		35		481	29
65-57-0001	2403736	586225	8 11 60	18	7,265	341	305	2	10,345	5.1	6-67		29		382	23
71-16-9001	2445145	567370	11 3 61	10	10,275	499	303	4	11,582	5.2	12-67		43		398	20
71-16-9001	2388725	567370	9 22 60	7	9,987	484	282	4	12,492	5.0	1-67		43		548	25
71-19-9032	2611569	588312	8 20 63	16	8,523	438	305	3	12,523	5.0	1-68		32		568	28
72-07-0006	2495011	497574	9 8 62	39	7,653	379	293	3	8,096	5.7	11-67		42		419	23
72-14-0002	2435461	497574	4 3 61	29	7,878	395	292	5	11,390	4.4	8-67		44		813	27
72-14-0002	2330845	568199	11 19 58	33	8,016	409	305	5	11,558	4.7	12-67		41		600	25
72-14-0002	2561197	596407	10 26 63	34	8,835	452	305	2	11,525	5.2	6-67		36		407	22
72-17-0001	2558380	574752	11 15 63	37	10,503	542	305	3	13,753	5.0	3-68		38		427	21
72-17-0001	2220824	539649	1 6 56	25	8,405	438	305	6	10,778	5.1	7-67		38		377	20
72-17-0001	2191350	562259	3 8 57	34	9,423	499	305	6	11,908	6.0	1-68		43		522	42
72-17-0001	2457646	535683	10 22 61	45	10,156	521	305	3	12,366	5.6	1-68		36		421	32
72-17-0001	2457639	535683	9 28 61	39	9,386	475	301	3	11,660	5.7	10-67		36		385	32
72-17-0001	2406483	553236	10 2 60	48	9,133	470	305	3	10,680	4.9	9-67		39		472	23
72-31-6102	2485644	577134	5 26 62	10	8,725	451	291	2	11,420	5.4	12-67		37		482	20
72-31-6102	2492266	560558	8 5 62	21	8,480	441	305	2	10,930	5.4	1-68		34		489	24
72-37-0103	2668624	580714	12 16 65	11	8,000	393	305	1	13,580	4.8	11-67		28		708	35
72-60-0101	2661379	596407	9 13 65	82	7,810	366	305	1	12,540	4.6	6-67		32		496	22
72-60-0101	2575382	596407	9 12 63	112	8,270	389	300	3	11,533	4.5	10-67		39		505	21
73-02-9007	2524554	573756	1 17 63	19	10,092	513	305	4	12,537	5.1	3-68		34		402	22
73-23-9002	2525395	592911	5 15 63	45	8,856	444	305	3	12,190	5.6	1-68		32		554	42
73-23-9002	2525398	592911	7 28 63	35	9,415	462	293	4	11,207	5.3	4-68		33		365	28
73-36-9015	2507208	567370	11 18 62	23	8,813	425	305	3	12,796	4.4	5-67		42		690	22
73-36-9015	2520183	567370	6 18 63	22	8,913	438	305	3	12,890	4.6	10-67		42		464	25
73-72-9019	2564373	587082	9 12 62	23	8,127	435	301	4	10,962	5.2	1-68		34		464	25
74-03-0128	2501346	557370	7 18 62	19	8,460	404	301	4	11,270	4.5	7-67		43		567	19

74-04-0115	2566111	598262	5 12 64	42	8,695	432	305	2	11,410	5.0	571	9-67	29	458	22
74-04-0115	2605507	598262	12 4 64	39	8,940	449	305	2	12,980	4.6	592	11-67	29	622	23
74-04-0115	2605510	598262	12 18 64	37	9,585	473	305	2	13,345	5.1	677	1-68	29	575	31
74-05-0031	2538676	540688	7 11 63	104	7,320	353	305	1	13,080	4.2	545	7-67	27	567	20
74-06-0003	2556003	597177	12 2 63	17	7,953	363	295	3	11,563	3.8	435	10-67	32	584	14
74-06-0003	2569835	597177	5 11 64	16	8,893	392	300	3	10,820	4.7	507	12-67	32	372	20
74-10-0190	2400196	555023	12 20 59	21	8,642	432	296	7	11,137	5.0	555	3-68	38	409	20
74-15-0162	2507467	563805	1 1 63	24	9,900	456	305	3	12,310	5.4	663	7-67	41	544	36
74-15-0162	2507468	563805	2 12 63	24	9,933	464	299	3	12,610	5.1	645	11-67	41	575	33
74-15-0162	2528688	574191	3 2 63	17	9,706	466	305	3	13,883	4.3	591	5-67	40	575	12
74-15-0162	2619482	574191	11 5 62	36	9,125	443	305	2	14,940	4.1	607	11-67	38	684	14
74-15-0188	2526024	593626	3 15 63	9	7,753	397	297	3	11,303	4.8	537	3-68	33	565	25
74-15-0188	2497501	593626	12 18 62	6	8,080	411	305	2	10,325	5.4	560	4-68	30	366	24
74-16-0116	2454767	560800	11 14 61	22	8,728	439	305	5	11,918	4.8	575	11-67	44	687	25
74-16-0128	2513326	590318	2 21 63	45	8,973	436	305	3	12,356	5.0	621	7-67	33	636	31
74-16-0128	2528310	575184	5 7 63	54	9,315	451	305	2	14,090	4.3	610	9-67	40	597	15
74-16-0128	2548535	590318	9 13 63	36	8,666	413	304	3	11,243	4.6	519	8-67	33	524	20
74-16-0128	2567992	590318	3 16 64	49	8,985	437	305	2	12,485	4.4	555	8-67	30	611	19
74-25-0136	2570234	586774	1 15 62	28	8,963	490	305	3	12,153	5.4	652	6-67	32	426	21
74-25-0136	2299124	563805	10 23 58	27	8,532	462	305	4	12,772	5.9	758	6-67	42	776	49
74-25-0199	2443948	585350	7 4 61	15	11,506	631	303	3	12,840	5.7	734	5-67	32	403	30
74-25-0199	2443946	585350	6 5 61	28	11,426	632	305	3	15,900	6.0	947	10-67	32	870	62
74-25-0199	2443950	585350	8 8 61	28	11,393	635	305	3	12,623	5.9	750	10-67	32	432	35
74-25-0199	2443943	585350	3 1 61	31	11,410	635	302	3	13,466	5.7	769	7-67	32	500	34
74-25-0199	2443935	556063	12 15 60	24	12,530	723	305	2	20,445	6.4	1299	6-67	38	865	71
74-25-0199	2443937	585350	12 19 60	21	12,745	742	305	2	20,015	6.0	1207	9-67	29	1154	77
74-25-0199	2443932	585350	12 4 60	24	11,600	638	305	1	17,220	5.7	982	5-67	23	739	49
74-25-0199	2561095	585350	1 8 62	20	12,243	673	305	3	14,680	6.5	952	3-68	32	599	59
74-25-0199	2531202	585350	2 26 62	24	11,740	637	305	3	13,606	5.5	746	7-67	32	478	31
74-25-0199	2598301	585350	7 2 63	29	11,480	641	305	3	13,616	5.9	800	9-67	32	555	41
74-25-0199	2598302	585350	7 22 63	26	11,506	640	303	3	13,490	5.9	793	9-67	32	491	37
74-25-0199	2598304	585350	8 15 63	29	11,396	638	305	3	13,650	5.9	802	9-67	32	570	42
74-25-0199	541155	541155	4 15 63	36	11,740	674	305	3	13,996	5.7	798	9-67	33	443	20
74-30-0108	2581736	575184	9 27 64	11	7,730	367	305	2	12,420	4.6	571	9-67	40	573	19
74-35-0109	2569111	593882	1 4 63	62	9,405	473	305	4	13,535	4.8	653	3-68	34	569	25
74-35-0109	2536056	563805	3 15 64	48	8,290	403	305	2	12,320	5.3	649	8-67	38	670	37
74-35-0109	2549801	563805	3 5 64	52	8,460	418	305	2	11,050	5.2	580	7-67	38	521	28
74-35-0109	2505621	567370	9 5 62	47	8,765	433	305	4	13,750	4.9	667	11-67	43	837	35
74-36-0007	2567058	567370	8 6 64	18	9,860	464	304	2	12,500	5.1	637	6-67	40	513	25
74-36-0007	2567063	567370	8 27 64	18	9,860	464	305	2	12,215	4.9	593	6-67	40	484	20
74-36-0019	2567167	497574	3 21 64	139	7,705	361	303	2	10,505	4.4	464	9-67	40	667	24
74-36-0019	2567243	578146	8 6 64	139	7,615	357	305	2	10,125	4.7	471	8-67	32	444	20
74-36-0024	2543438	592378	8 11 63	22	8,155	394	305	2	12,825	4.9	633	10-67	29	659	33
74-38-0001	2501078	571041	9 21 62	32	10,195	515	220	2	14,040	4.8	680	8-67	32	630	27
74-74-0002	2624499	587238	7 9 64	18	7,665	400	305	2	11,350	4.9	555	7-67	29	550	23

TABLE 6.—HIGH-RANKING PROGENY OF DHIA SIRE: JERSEY—Continued

COW'S LAST HERD CODE	COW'S REGISTRATION NO.	COW'S SIRE REGISTRATION NO.	COW'S BIRTH DATE (Mo.) (Day) (Yr.)	HERDMATES			AVERAGE PRODUCTION OF COW						LAST CALVING		REPEAT- ABILITY (Pct.)	COW INDEX	
				NUM- BER	MILK (Lb.)	FAT (Lb.)	IN MILK (Days)	REC- ORDS	MILK (Lb.)	FAT (Pct.)	FAT (Lb.)	(Mo.) (Yr.)	CAR	MILK		FAT	
74-74-0002	2624495	587238	10 23 63	17	8,480	419	286	3	11,596	4.6	534	12-67	H	32	534	20	
74-74-0009	2574140	595641	1 28 64	13	8,720	456	303	2	12,820	4.8	594	8-67		30	492	21	
81-16-9514	2471421	560800	2 22 62	9	10,360	548	240	3	11,996	5.6	677	5-67	B	42	491	24	
82-12-0124	2462507	579660	1 5 62	16	8,860	442	300	4	10,552	5.3	558	11-67		35	360	25	
82-12-0124	2534532	579660	12 17 62	26	8,806	451	302	3	11,136	5.8	647	6-67		34	429	34	
82-13-0113	2625913	577237	12 16 65	11	9,320	517	305	1	12,930	5.0	645	12-67		35	442	22	
82-14-5157	2638462	598489	11 1 65	9	9,490	479	305	1	14,160	5.1	720	1-68		23	475	25	
82-14-5157	2547554	596262	11 8 63	16	9,315	476	305	2	12,575	5.0	630	4-68		29	530	26	
82-14-5157	2510578	570537	5 19 62	22	8,962	468	305	4	11,902	5.0	600	3-68		36	389	21	
82-14-5157	2510574	567370	12 12 61	13	9,416	482	298	3	12,703	5.2	655	4-67		42	616	27	
82-14-5157	2274310	570537	1 9 58	19	8,272	441	304	7	11,964	5.5	657	3-68		37	507	33	
82-15-0198	2661632	583915	3 27 64	7	8,350	396	305	2	11,510	4.9	559	1-68		30	524	25	
82-26-0199	2482091	589185	3 13 62	28	7,900	418	305	1	12,110	5.2	633	10-67		22	475	22	
82-29-0213	2491670	567370	4 25 62	22	9,673	483	301	3	11,556	5.3	607	10-67		42	450	21	
82-29-0213	2524204	567370	9 16 62	20	9,570	478	305	3	12,623	5.2	660	1-68		42	585	28	
82-29-0213	2565082	567370	8 3 63	34	9,685	484	305	2	12,585	5.1	646	2-67		40	538	24	
84-15-9019	2549006	567370	10 3 63	54	8,360	436	305	3	11,540	5.1	591	10-67		42	586	24	
84-15-9019	2535920	578776	10 15 63	43	8,856	446	305	3	11,066	4.9	545	2-68		35	556	21	
84-15-9019	2457089	586991	2 11 62	58	8,997	470	305	4	11,115	5.3	585	6-67		35	394	23	
85-20-9001	2468002	560800	1 11 62	35	9,865	462	303	4	12,692	5.0	635	11-67		43	641	29	
85-20-9001	2508390	550331	8 28 62	40	9,480	448	305	1	15,430	4.4	681	2-68		35	416	21	
85-20-9001	2588009	564125	2 22 63	42	10,336	464	285	3	12,923	5.0	641	7-67		42	419	23	
85-20-9001	2588008	583915	12 13 62	47	10,503	469	305	3	16,276	4.0	659	7-67		33	942	32	
86-01-0084	2543321	561701	10 25 63	39	9,790	478	305	1	12,090	4.8	586	1-68		33	538	21	
86-01-9097	2524942	589386	3 30 62	10	9,765	474	300	2	12,505	4.9	614	10-67		29	413	22	
86-01-0447	2537941	556095	10 5 61	48	9,230	455	305	1	16,160	4.1	659	11-67		35	742	19	
86-01-0447	2625124	560800	5 3 64	16	9,180	464	305	1	11,840	6.2	738	7-67		35	512	30	
86-01-0447	2664808	595944	11 5 64	35	10,380	479	305	1	13,270	4.5	598	2-68		25	402	23	
86-01-0447	2664809	595944	11 5 64	49	9,490	463	280	1	12,200	5.2	631	11-67		25	379	27	
86-01-0456	2632480	576127	7 23 65	38	9,850	448	305	1	12,470	5.0	618	4-68		33	414	28	
86-01-0456	2577707	567370	4 30 63	24	9,160	441	305	3	12,863	4.2	543	11-67		42	656	18	
86-01-0456	2336585	571041	5 29 59	47	9,380	473	305	2	12,790	5.4	687	8-67		32	570	32	
87-03-0015	2673684	572331	3 2 66	9	7,390	391	290	1	10,470	5.1	538	3-68		27	652	27	
87-03-9905	2542601	560558	8 22 63	7	9,163	464	305	3	13,610	4.0	549	4-68		37	778	18	
87-06-0700	2514586	567370	11 22 62	19	9,063	462	305	3	12,290	4.7	573	9-67		42	600	19	
87-06-0926	2522562	560800	12 11 62	5	8,510	430	305	1	12,500	5.2	655	2-67		35	608	26	
87-06-0926	2477572	567370	11 4 61	5	7,686	396	304	3	13,663	5.0	689	2-67		42	910	40	
87-09-0900	2602441	577237	5 1 64	7	5,940	307	293	1	9,630	5.3	515	6-67		35	422	26	
87-09-0900	2602442	577237	2 13 65	8	5,790	306	305	1	10,080	5.0	505	7-67		35	467	26	
87-29-0595	2503471	564125	10 22 62	35	7,420	384	293	4	10,662	5.0	536	10-67		43	485	20	
88-01-9002	2482419	580714	2 23 62	17	10,897	530	305	4	14,465	4.9	716	11-67		37	732	39	
88-01-9002	2482430	580714	6 10 62	18	10,965	528	305	4	13,040	5.4	710	10-67		37	529	38	
88-01-9002	2413311	580714	1 28 61	15	10,682	520	305	5	16,050	4.1	652	11-67		39	1009	32	
88-01-9002	2613890	597904	8 31 65	19	10,760	515	305	1	14,080	4.7	663	10-67		25	425	21	
88-01-9002	2597618	580714	1 13 65	23	11,385	550	305	2	16,220	4.3	698	2-68		34	812	34	

88-01-9002	2526135	561701	6	5	63	26	11,110	547	283	3	15,396	3.8	579	2-68	F	40	856	16
88-01-9002	2537517	553236	9	6	60	26	11,072	542	305	4	12,802	5.0	645	6-67		41	527	30
88-01-9002	2537520	580714	10	19	63	14	11,160	549	305	3	12,973	4.8	627	12-67		36	483	24
88-01-9002	2670687	597904	1	3	66	22	11,510	549	305	1	14,580	4.8	705	3-68		25	410	22
88-01-9002	2646003	580714	2	4	66	33	11,380	545	305	1	12,450	4.9	610	2-68		28	365	24
88-01-9002	2576636	580714	10	7	64	22	11,420	545	305	1	16,550	4.3	719	1-68		28	706	33
88-01-9002	2576641	580714	12	3	64	23	11,385	550	305	2	12,610	5.6	712	2-68		34	404	36
88-01-9023	2565731	593883	4	2	64	19	10,840	537	305	2	14,135	5.2	728	11-67		30	597	35
88-01-9023	2565738	593883	7	4	64	22	11,525	564	305	2	15,915	5.0	792	7-67		30	735	39
88-01-9023	2565736	584532	4	27	64	30	11,420	565	305	2	13,250	5.2	690	7-67		34	392	22
88-01-9023	2565735	593883	4	25	64	23	11,415	549	305	2	14,220	5.2	736	1-68		30	551	36
88-01-9023	2565734	593883	4	24	64	22	11,525	564	303	2	12,935	5.2	677	7-67		30	380	26
88-01-9023	2658873	593883	1	2	66	20	11,290	523	305	1	13,260	5.1	674	2-68		24	398	28
88-01-9023	2632613	593883	3	26	65	18	11,365	532	300	2	15,760	4.7	743	2-68		30	739	39
88-01-9023	2528631	593883	5	27	63	20	11,276	557	305	3	13,726	5.0	692	2-68		33	538	32
88-01-9023	2528628	593883	5	25	63	18	11,255	535	304	2	13,290	4.9	655	1-68		30	457	28
88-01-9033	2526142	580714	8	31	63	8	10,953	528	305	3	12,463	5.6	700	11-67		36	442	36
88-01-9033	2550492	580714	1	9	64	6	11,605	550	299	2	13,205	4.9	645	1-68		34	443	25
88-01-9033	2526136	580714	6	28	63	14	11,536	557	305	3	13,313	5.3	709	5-67		35	407	30
88-01-9033	2526133	580714	5	21	63	13	11,350	538	304	3	12,753	5.4	687	8-67		36	434	33
88-01-9033	2670685	597904	12	16	65	15	11,440	551	305	1	14,450	4.7	683	1-68		25	404	20
88-01-9033	2576633	583175	9	15	64	15	10,565	535	305	2	15,260	4.4	669	8-67		30	706	22
88-01-9033	2576631	597904	7	2	64	18	11,095	542	305	2	14,650	4.5	656	8-67		30	551	21
88-01-9033	2597634	580714	4	27	65	17	11,980	594	305	1	13,830	5.0	685	4-67		28	428	23
88-01-9033	2597640	597904	6	3	65	12	11,880	575	305	1	15,120	5.4	813	4-67		24	401	27
88-01-9033	2597621	597904	2	7	65	10	11,165	536	300	2	14,035	4.7	654	4-68		30	472	22
88-01-9033	2597633	597904	4	22	65	14	11,540	569	305	1	14,490	5.2	754	5-67		24	373	22
88-01-9033	2490822	561701	7	20	62	15	10,860	534	305	4	13,945	4.2	591	1-68		41	731	19
88-01-9033	2514039	583175	5	5	63	18	10,636	532	305	3	13,533	5.1	686	8-67		33	539	27
88-01-9033	2514038	580714	4	24	63	14	11,363	540	305	3	12,300	5.3	658	7-67		36	374	29
88-01-0035	2490307	553236	2	17	61	22	10,675	512	305	2	11,995	4.7	561	5-67		37	450	22
88-01-0035	2637913	593883	7	18	64	19	11,085	521	304	2	13,350	5.1	685	3-68		30	483	33
88-02-0011	2354108	556095	7	26	59	22	8,790	416	305	2	12,220	4.8	582	12-67		40	553	20
88-02-0011	2228012	563367	7	16	57	39	8,408	419	303	5	11,180	4.9	549	12-67		36	416	21
88-02-0015	2435750	497574	2	16	61	17	8,660	426	303	5	11,950	4.5	539	1-68		44	794	28
88-02-0015	2397343	497574	6	15	60	25	9,228	469	305	5	11,476	4.7	545	3-67	F	44	666	24
88-15-9001	2459271	553236	3	7	61	33	10,172	555	269	4	10,882	5.7	616	7-67		41	383	24
88-15-9001	2454754	584532	10	7	61	28	10,023	536	296	3	12,180	5.7	689	8-67		37	461	27
88-15-9001	2501667	567370	5	21	62	28	10,210	546	305	4	13,232	4.4	586	7-67		43	615	12
88-15-9001	2501675	567370	12	12	62	30	9,906	530	305	3	16,400	4.8	789	11-67		42	990	37
88-15-9001	2582423	567370	6	4	64	28	9,575	509	305	2	13,580	4.8	657	12-67		40	644	22
88-15-9001	2565772	593883	5	26	63	39	9,666	519	305	3	12,093	5.1	614	11-67		33	509	24
88-15-9001	2565773	593883	6	13	63	30	10,170	528	305	2	12,840	5.8	740	6-67		30	514	37
88-16-9004	2679660	576127	4	30	66	34	10,580	536	305	1	12,860	4.8	617	4-68		33	393	21
88-16-9004	2657372	584532	12	31	65	28	10,100	521	305	1	13,800	5.1	707	12-67		29	488	23

TABLE 6.—HIGH-RANKING PROGENY OF DHIA SIRE: JERSEY—Continued

COW'S LAST HERD CODE	COW'S REGISTRATION NO.	COW'S SIRE REGISTRATION NO.	COW'S BIRTH DATE (Mo.) (Day) (Yr.)	HERDMATES			AVERAGE PRODUCTION OF COW				LAST CALVING		REPEAT- ABILITY (Pct.)	COW INDEX	
				NUM- BER	MILK (Lb.)	FAT (Lb.)	IN MILK (Days)	REC- ORDS	MILK (Lb.)	FAT (Pct.)	FAT (Lb.)	(Mo.) (Yr.)		MILK	FAT
88-16-9004	2600320	584532	1 29 65	37	10,990	545	305	2	14,400	4.3	614	3-68	34	563	16
88-16-9004	2537219	584532	8 10 60	53	11,045	533	304	4	13,837	4.5	623	6-67	38	556	20
88-16-9004	2540194	583175	10 19 63	69	11,090	554	305	1	18,370	4.5	821	5-67	25	804	30
88-16-9004	2540190	583175	9 16 63	33	10,370	485	305	2	13,215	4.7	617	10-66	30	486	21
88-16-9004	2489403	567370	3 16 62	45	10,906	517	305	3	17,483	3.4	601	10-66	42	1017	17
88-16-9004	2515168	583175	5 21 63	52	10,790	523	305	2	13,920	4.6	647	5-67	30	524	21
88-16-9004	2418597	584532	10 21 60	51	10,894	536	305	5	13,258	4.7	624	7-67	39	511	20
91-10-5022	2480534	587417	8 21 61	9	9,610	520	305	4	12,427	5.4	666	8-67	36	603	30
91-10-5022	2649853	582400	9 14 64	17	10,065	539	305	2	12,335	5.2	644	2-68	38	577	22
91-10-5022	2578406	587417	5 22 61	12	9,330	516	305	3	13,826	5.3	727	4-68	34	797	38
91-11-5002	2575847	584664	9 30 63	9	9,700	508	305	2	12,190	5.4	656	2-68	38	388	24
91-12-0011	2525938	556095	8 7 63	6	10,665	556	305	2	15,120	5.4	814	5-67	40	677	31
91-12-0024	2600349	582400	1 10 65	30	11,480	581	305	1	14,510	4.8	703	8-67	33	623	19
91-12-0024	2600351	582400	2 11 65	25	11,430	580	305	1	15,350	5.0	772	9-67	33	692	24
91-12-0032	2672411	582400	4 14 65	11	8,520	451	305	1	13,780	5.2	719	10-67	34	788	30
91-12-0032	2638194	595944	3 27 64	5	8,340	434	305	1	11,920	5.9	705	2-68	25	445	36
91-12-0032	2638225	595944	12 8 63	8	8,530	440	303	1	11,260	5.2	585	10-67	25	372	25
91-12-0042	2515147	556095	12 22 62	41	9,806	513	304	3	15,753	4.6	717	10-67	42	901	28
91-38-5101	2504030	592470	1 14 63	14	6,776	379	305	3	10,820	5.3	573	7-67	33	579	29
91-38-5101	2553280	592470	11 16 63	15	7,150	398	305	2	10,400	5.1	535	9-67	30	434	20
91-54-0049	2611970	582400	11 1 65	28	10,930	573	290	1	14,920	4.9	730	1-68	34	709	22
91-54-0049	2567738	560800	7 15 64	30	10,870	569	305	2	13,885	5.5	764	1-68	40	619	29
91-54-0049	2515310	560800	3 12 64	23	11,775	600	305	2	14,490	4.8	694	5-67	40	598	19
91-54-0049	2515311	560800	4 16 63	36	11,180	573	301	2	13,825	4.0	549	6-67	40	585	8
91-54-0049	2489208	560800	9 12 62	34	11,065	584	296	2	12,585	5.7	714	12-67	40	469	23
91-54-0049	2393112	556095	11 21 60	15	9,805	516	299	4	12,187	5.3	644	1-68	43	502	20
91-54-0112	2567969	587666	3 12 64	5	9,020	483	305	1	16,070	4.7	748	3-68	34	593	21
91-62-0051	2535907	582400	6 26 63	66	10,265	503	299	2	13,350	5.0	661	8-67	38	684	25
91-62-0051	2384011	556095	4 7 60	69	10,115	498	300	2	14,325	4.2	599	8-67	40	646	14
91-64-5025	2515045	497574	12 3 62	22	9,356	527	305	3	10,870	5.6	604	7-67	42	564	24
91-64-5025	2515044	497574	10 12 62	30	9,213	514	305	3	9,986	6.0	600	3-67	42	476	25
91-64-5025	2515043	497574	9 26 62	24	9,360	522	305	3	13,150	5.7	753	6-67	42	829	42
91-64-5025	2560497	556095	12 20 63	20	10,120	563	305	2	12,580	6.0	761	8-67	40	468	25
91-64-5073	2520766	582400	1 26 63	23	10,133	529	305	3	12,316	4.4	547	8-67	40	608	10
91-64-5073	2464929	584970	9 3 61	14	10,225	522	305	4	13,040	5.1	670	1-68	35	448	24
91-66-0102	2634499	598368	1 7 65	16	11,000	500	305	1	15,490	4.3	660	4-67	26	568	19
91-68-0003	2578635	553225	3 16 60	5	11,390	581	305	2	16,435	5.6	913	11-67	31	661	48
91-68-5032	2543886	590194	9 3 63	10	9,350	512	305	2	13,750	5.4	746	7-67	28	628	34
91-68-5032	2523862	590194	1 30 63	12	10,003	534	305	3	12,436	5.4	666	1-68	31	444	26
91-72-5010	2377302	582248	2 20 60	39	10,525	547	304	4	15,465	4.3	660	12-67	33	881	21
91-72-5010	2646676	607528	11 28 63	38	10,090	525	305	2	14,115	5.7	799	8-67	29	514	36
91-74-5003	2404084	556095	1 25 61	13	9,166	470	302	5	11,740	5.2	605	7-67	44	531	21
91-74-0070	2685542	582400	10 13 65	12	9,690	493	305	1	12,080	4.9	591	12-67	34	576	17
91-74-0078	2317874	510779	10 3 58	12	9,760	528	305	2	13,445	5.2	703	9-67	38	384	25
92-03-5094	2439923	555157	2 16 61	10	10,570	554	303	4	12,575	5.3	661	11-67	37	405	24

92-03-5094	2441989	555157	7 21 61	12	11,606	606	305	3	14,276	5.8	831	3-68	35	472	41
92-06-5043	2546509	556095	8 26 63	23	8,926	459	298	3	12,533	4.7	595	8-67	42	619	19
92-06-0060	582400	2 9 60	20	9,470	491	299	2	12,145	4.8	585	4-68	38	38	613	20
92-08-0006	2389987	519828	10 24 60	48	9,557	481	298	4	11,537	5.1	592	6-67	39	397	20
92-08-5006	2281157	562259	8 1 58	43	9,650	502	300	7	11,547	4.9	565	8-67	43	447	22
92-14-0020	2755705	588735	12 20 65	37	10,350	524	305	1	14,720	4.9	715	2-68	24	457	21
92-14-0020	2698067	559085	8 18 65	51	10,060	507	302	1	15,230	5.2	790	12-67	24	423	23
92-14-0020	2717199	595944	1 27 65	41	8,830	432	305	1	11,600	5.0	577	6-67	25	378	25
92-14-0020	2689760	577763	3 22 66	39	10,140	520	305	1	15,210	4.7	718	2-68	19	495	20
92-14-0020	2717197	595944	11 20 64	43	10,350	524	305	1	14,110	6.1	856	2-68	25	479	42
92-14-0020	2717202	595944	4 2 65	37	8,500	415	291	1	11,420	4.6	522	9-67	25	389	21
92-14-0020	2571411	577237	11 29 61	42	8,590	419	305	1	11,240	5.0	562	8-67	35	363	22
92-14-0020	2571413	582400	12 2 61	35	9,920	495	305	2	13,745	5.0	687	1-68	38	738	30
92-16-0022	2588274	582400	10 11 64	9	10,400	538	305	1	14,050	4.4	614	10-67	34	679	15
92-16-0022	2539323	582400	12 20 63	8	10,240	533	305	1	14,250	4.8	688	12-67	34	705	21
92-16-0022	2342980	577237	8 11 59	6	11,375	571	300	4	13,617	5.0	686	3-67	42	461	26
92-18-0009	2413317	570355	8 15 60	19	7,700	415	296	3	10,806	6.3	684	3-68	32	405	40
92-18-0047	2691162	577237	7 26 64	11	11,210	540	305	1	13,850	5.7	790	3-67	35	382	31
92-19-0004	2588174	577237	6 16 64	27	9,365	507	305	2	11,500	5.2	593	1-68	39	380	20
92-19-0083	2491315	583412	4 17 62	15	8,763	446	301	3	12,316	4.9	607	3-68	32	507	25
92-20-0041	2516076	560800	4 11 63	55	10,405	564	303	2	13,295	5.6	746	5-67	40	602	28
92-20-0041	2491621	582400	7 8 62	56	10,230	554	296	4	12,220	5.4	657	7-67	41	597	22
92-20-0041	2491635	581607	9 15 62	72	10,692	576	304	4	14,842	4.9	730	12-67	41	669	22
92-20-0041	2452875	577237	11 6 61	70	10,522	564	299	5	12,374	5.4	667	10-67	43	410	25
92-20-0041	2452874	577237	11 6 61	68	10,524	563	297	5	13,174	5.7	752	11-67	43	514	36
92-20-0041	2452856	577237	8 10 61	40	10,272	550	303	5	12,182	5.3	642	6-67	43	414	23
92-20-0041	2570331	582400	8 3 64	42	10,605	572	305	2	13,045	4.9	635	12-67	38	635	16
92-20-0041	2532656	560800	8 6 63	61	10,623	571	305	3	15,656	4.7	735	11-67	42	889	28
92-20-5116	2548251	561469	10 22 63	13	9,970	531	305	2	13,905	5.0	700	2-68	34	478	24
92-20-5116	2387975	561469	5 12 60	10	10,180	544	305	3	15,376	5.3	822	12-67	37	700	40
92-20-5121	2558490	574752	6 16 63	6	8,965	467	305	2	13,900	4.9	676	4-68	35	543	24
92-23-5002	2641892	592609	6 18 65	16	10,660	566	305	1	15,240	4.5	684	3-67	22	679	18
92-23-5002	2658060	592609	2 24 66	17	10,220	523	305	1	13,740	5.3	728	4-68	23	605	28
92-23-5002	2658061	592609	3 7 66	20	10,360	530	305	1	13,520	5.0	682	3-68	23	573	23
92-23-5002	2623203	592609	3 2 65	11	11,100	580	305	1	15,270	4.4	678	5-67	22	645	16
92-23-5002	2623193	592609	12 7 64	27	10,730	569	292	2	13,655	5.3	719	1-68	29	630	28
92-23-5002	2623206	592609	5 6 65	16	10,660	566	305	1	14,440	4.7	673	3-67	22	606	17
92-23-5008	2537186	580670	9 16 63	12	8,603	473	305	3	11,813	5.1	601	4-68	32	483	21
92-23-0049	2611011	582400	2 26 60	11	10,945	541	298	2	12,460	5.3	660	1-68	38	542	22
92-23-0119	2602019	577237	5 10 65	5	8,580	443	305	1	11,520	6.0	689	12-67	35	385	30
92-27-0094	2445204	581607	10 30 61	27	9,570	476	303	5	12,710	4.9	619	4-68	42	543	21
92-40-5006	2199994	524581	2 16 57	22	11,395	622	304	6	14,395	5.7	818	2-68	43	495	32
93-12-0011	2569920	579323	3 27 64	20	11,940	614	298	3	14,073	5.2	726	3-68	34	378	21
93-12-0031	2563332	578432	2 9 64	35	11,245	587	298	2	14,805	5.2	777	1-68	29	540	27
93-12-0031	2525665	578432	2 14 63	32	10,806	569	302	3	14,356	4.5	645	2-68	32	589	14

TABLE 6.-HIGH-RANKING PROGENY OF DHIA Sires: JERSEY-Continued

COW'S LAST HERD CODE	COW'S REGISTRATION NO.	COW'S SIRE REGISTRATION NO.	COW'S BIRTH DATE (Mo.) (Day) (Yr.)	HERDMATES			AVERAGE PRODUCTION OF COW					LAST CALVING (Mo.) (Yr.)		REPEAT- ABILITY (Pct.)	COW INDEX	
				NUM- BER	MILK (Lb.)	FAT (Lb.)	IN MILK (Days)	REC- ORDS	MILK (Lb.)	FAT (Pct.)	FAT (Lb.)				MILK	FAT
93-12-9061	2527225	592584	3 31 63	26	11,840	679	303	4	15,440	5.5	845	3-68		35	576	30
93-12-9061	2486258	560770	2 22 62	23	11,782	676	298	4	14,662	5.7	843	4-68		35	551	33
93-20-9130	2539392	497574	7 29 63	20	9,390	465	289	2	10,870	5.5	599	5-67		40	550	29
93-20-9130	2532239	567370	10 2 63	18	9,055	497	305	2	13,460	5.2	696	11-66		40	685	28
93-20-9130	2537006	567370	5 10 63	19	8,810	481	299	2	11,560	5.3	609	11-66		40	514	20
93-20-9130	2537012	567370	9 2 63	19	8,810	481	305	2	13,180	5.3	702	11-66		40	679	30
93-27-0071	2619532	557569	7 12 65	63	11,620	582	305	1	14,580	5.5	800	12-67		28	664	32
93-27-0071	2480692	583915	4 2 62	78	11,410	571	305	1	15,190	4.7	710	1-68		25	527	20
93-27-0071	2230050	571581	12 3 57	79	9,566	498	305	5	13,558	5.2	701	1-68		38	630	37
93-39-0028	2661816	561701	8 14 62	23	9,720	532	305	1	12,830	5.1	653	1-68		33	600	22
93-40-0050	2646565	557569	9 7 65	11	9,420	495	305	1	15,060	4.7	711	9-67		28	870	31
93-40-0050	2564105	557569	10 1 63	5	9,580	492	302	3	12,563	4.4	555	4-68		36	714	21
93-40-0050	2564103	557569	7 2 63	7	9,456	492	305	3	11,173	4.8	533	12-67		36	581	17
93-40-0050	2532054	557569	3 7 61	7	9,214	475	302	5	10,614	5.3	560	11-67		39	547	23
93-40-0050	2507376	557569	11 27 62	5	9,067	468	304	4	11,635	5.3	615	1-68		37	698	31
93-49-0335	2607427	564125	7 21 65	5	9,530	506	305	1	14,700	4.9	721	4-68		35	478	21
93-50-9419	2629159	557569	8 1 65	19	8,900	427	305	1	10,970	4.5	492	8-67		28	581	19
93-50-9419	2595365	557569	6 22 65	24	9,090	433	305	1	11,290	4.9	549	7-67		28	594	24
93-50-9419	2595366	557569	2 23 65	24	11,185	546	305	2	13,575	4.7	641	4-68		34	634	24
93-50-9419	2593364	557569	2 21 65	21	10,350	509	305	1	11,080	5.4	599	3-67		28	480	22
93-50-9419	2621273	557569	5 21 65	24	11,185	546	305	2	12,460	5.1	632	4-68		34	508	23
93-50-9419	2528769	557569	9 1 63	24	9,015	445	305	2	11,805	4.5	535	7-67		33	699	23
93-50-9419	2512791	557569	4 7 63	29	8,886	453	304	3	13,796	4.8	664	9-67		36	1000	39
93-50-9419	2512031	557569	1 3 63	19	9,780	493	305	3	12,096	4.6	555	5-67		36	677	21
93-50-9419	2406839	557569	2 20 60	27	9,992	512	304	5	11,982	5.0	598	4-68		39	613	25
93-50-9419	2406843	557569	8 7 60	28	9,372	483	303	5	10,964	5.2	570	8-67		38	589	25
93-50-9419	2471940	557569	9 16 61	29	10,145	515	300	4	11,967	5.1	615	2-68		37	581	26
93-50-9419	2471939	557569	8 23 61	24	9,125	464	305	4	12,990	4.6	595	8-67		37	891	30
93-50-9419	2406840	557569	2 21 60	28	9,714	506	304	5	12,888	4.9	626	12-67		39	808	29
93-50-9419	2429676	557569	9 19 60	19	10,470	534	297	6	12,873	4.8	615	3-68		39	679	24
93-50-9419	2288724	557569	3 14 58	31	9,466	492	301	5	14,076	4.4	626	1-68		39	1010	30
93-50-9419	2262328	557569	11 2 57	29	9,614	499	303	5	11,974	5.2	622	12-67		39	690	29
93-50-9419	2248212	557569	4 1 57	30	9,644	500	305	5	13,258	5.2	688	2-68		39	840	39
93-50-9419	2288728	557569	7 8 58	31	8,945	447	297	2	10,900	5.0	544	7-67		33	603	24
93-50-9419	2248213	557569	7 6 57	23	10,230	518	305	5	15,350	4.6	711	2-68		39	1064	40
93-50-9419	2288725	557569	3 16 58	20	9,535	491	305	4	13,087	4.5	592	8-67		37	854	26
93-50-9419	2269613	557569	1 10 58	28	9,952	509	305	5	11,654	5.3	617	1-68		39	571	28
93-50-0596	600841	557569	10 9 65	31	10,410	505	305	1	13,580	5.2	711	2-68		22	380	25
93-50-0596	2654611	572331	3 3 66	39	10,550	515	305	1	12,800	4.2	536	3-68		27	608	17
93-50-0625	2660880	557569	11 18 65	17	12,120	571	305	1	13,910	4.1	571	11-67		28	570	13
93-50-0625	2660868	557569	5 23 65	34	10,410	497	305	1	14,870	4.6	681	6-67		28	796	30
93-50-0625	2593718	557569	3 14 65	34	10,410	497	305	1	12,360	4.7	582	8-67		28	584	22
93-50-0625	2562735	571291	4 15 63	25	10,956	532	303	3	14,526	4.4	640	6-67		42	586	20
93-50-0625	2586523	557569	1 24 65	19	12,185	589	305	2	13,430	4.9	659	12-67		34	547	21
93-50-0625	2586524	557569	2 11 65	22	12,160	573	305	1	15,580	4.0	627	3-68		28	676	19

93-50-0625	2586522	557569	1 19 65	34	10,410	497	305	1	12,290	4.6	569	6-67	28	578	20
93-50-0625	2562737	560558	5 29 63	26	10,883	529	305	3	15,046	4.4	669	6-67	36	748	24
93-50-0746	2159703	559352	6 2 56	16	9,100	468	301	4	12,177	5.2	632	11-67	35	532	22
93-52-9002	2474990	584073	2 9 62	7	10,495	552	292	2	13,880	4.2	583	3-68	30	583	9
93-52-9058	2566903	599129	4 7 64	29	10,090	524	305	1	13,980	5.7	791	12-66	24	392	30
93-52-9058	2689484	599129	9 18 64	29	10,190	528	305	2	13,270	5.4	712	12-67	30	391	27
93-52-9065	2548132	557569	8 11 63	8	9,536	474	296	3	11,556	5.4	619	1-68	36	620	30
93-54-0029	2585207	592563	11 18 64	186	8,295	414	305	2	11,435	4.9	557	11-67	29	430	21
93-54-0029	2594215	592563	12 19 64	178	8,930	436	305	2	12,355	4.8	591	1-68	29	472	23
93-54-0029	2594223	580372	1 6 65	164	9,220	447	301	2	13,295	4.7	623	2-68	29	514	22

TABLE 7.—HIGH-RANKING PROGENY OF DHIA SIRE: BROWN SWISS

COW'S LAST HERD CODE	COW'S REGISTRATION NO.	COW'S SIRE REGISTRATION NO.	COW'S BIRTH DATE (Mo.) (Day) (Yr.)	HERDMATES			AVERAGE PRODUCTION OF COW				LAST CALVING		REPEAT- ABILITY (Pct.)	COW INDEX	
				NUM- BER	MILK (Lb.)	FAT (Lb.)	IN MILK (Days)	REC- ORDS	MILK (Lb.)	FAT (Pct.)	(Mo.) (Yr.)	CAR		MILK	FAT
11-15-0012	433957	125640	2 4 62	13	11,170	450	300	4	13,202	4.6	10-67		41	658	41
13-04-0031	417997	125640	11 15 60	6	10,446	415	305	3	12,163	4.0	3-68		39	553	29
13-04-0115	425953	127317	8 9 61	71	12,483	530	305	3	17,646	4.1	10-67		33	702	26
13-04-0115	441344	128860	9 11 62	45	13,342	556	304	4	16,280	4.3	3-68		36	573	27
13-04-0115	486054	139158	8 12 65	74	13,550	569	298	1	18,790	4.0	11-67		24	687	25
13-04-0115	488033	128860	10 6 65	66	13,760	575	302	1	17,790	4.4	12-67		26	527	26
13-04-0115	475662	138750	8 8 64	31	14,430	595	294	2	19,360	3.5	3-68		38	830	16
13-04-0115	458611	118619	11 2 63	52	13,090	564	305	2	16,230	4.2	11-66		40	838	29
13-04-0115	473424	142382	9 3 64	84	12,790	543	293	2	17,280	4.3	10-67		28	654	32
13-04-0115	454776	118619	8 2 63	62	13,025	559	303	2	15,075	4.7	10-66		40	726	33
13-04-0115	458608	118619	12 11 63	64	12,020	511	305	2	21,200	3.9	8-67		40	1443	48
13-04-0115	464695	139158	3 4 64	77	12,295	523	305	2	17,450	4.2	8-67		29	806	33
13-04-0115	464686	118619	1 2 64	67	12,195	517	305	2	16,240	4.6	7-67		40	921	40
13-08-0053	481856	125640	5 28 65	18	14,980	593	305	1	15,520	4.0	9-67		33	526	28
13-08-0053	432109	136910	8 13 61	13	13,522	549	305	4	20,300	3.6	6-67		35	984	28
13-08-0053	429273	125640	10 27 61	15	13,642	541	304	5	15,582	3.8	4-68		42	636	28
14-19-0114	334467	120448	7 11 56	8	12,186	511	298	5	15,196	4.0	9-67		43	733	24
16-02-0023	429299	125640	12 8 61	5	13,845	591	296	2	14,500	4.1	11-66		36	508	24
16-06-0031	409561	125640	11 29 60	17	11,492	474	303	5	13,868	4.3	8-67		41	706	36
16-06-0031	425497	125640	8 7 60	32	13,002	536	305	5	18,308	4.2	5-67		41	1127	52
16-06-0031	416672	125640	7 22 61	32	11,725	490	305	2	13,950	4.4	10-67		37	664	36
16-06-0031	431115	125640	11 1 60	27	13,104	538	302	5	14,442	4.7	12-67		42	547	39
16-06-0031	481612	125640	11 24 61	27	13,340	540	302	4	17,087	4.2	5-67		40	900	45
16-06-0105	458885	120448	1 30 65	28	11,020	433	305	1	12,840	3.9	7-67		32	585	28
16-06-0138	436714	125640	1 18 63	13	10,470	440	304	3	15,383	3.9	11-67		41	905	30
16-06-0154	491792	125640	12 1 61	6	10,330	435	305	4	13,202	3.9	8-67		41	756	31
16-06-0236	488360	143999	9 27 65	8	10,660	440	281	1	11,840	4.3	10-67		33	543	30
16-06-0236	495698	125640	6 5 65	15	14,730	660	305	1	17,430	4.3	9-67		23	534	20
16-06-0236	471756	143999	1 11 66	18	16,450	704	305	1	17,370	4.6	1-68		33	513	33
16-06-0236	471756	143999	7 20 64	17	14,755	646	305	2	16,780	4.5	9-67		29	524	25
16-06-0236	471755	143999	9 7 64	16	14,455	629	305	2	16,915	4.2	8-67		29	573	23
16-06-0236	471750	143999	7 22 64	13	13,845	593	305	2	17,985	4.2	6-67		29	769	31
16-10-0091	501474	130713	8 8 63	15	14,635	620	291	2	20,565	4.0	10-67		30	913	36
16-10-0091	387096	130713	5 31 59	11	14,026	590	305	5	18,332	4.3	1-68		36	836	41
16-14-0109	489593	125640	2 7 65	7	11,930	515	305	1	16,650	3.7	8-67		32	824	32
16-14-0109	476483	130713	8 13 64	13	13,000	534	305	2	16,040	3.8	12-67		30	550	21
16-14-0109	431443	125640	12 25 60	5	14,010	564	304	5	16,068	4.5	1-68		42	657	43
16-14-0109	419296	125640	4 15 61	5	13,082	535	301	5	15,744	4.4	12-67		42	777	43
16-14-0109	410917	125640	8 5 60	6	11,874	507	300	5	13,368	4.5	8-67		41	591	33
21-05-0764	479210	136140	12 8 64	23	13,540	526	305	1	17,330	3.9	11-67		34	826	14
21-05-0764	479212	136140	1 5 65	24	12,300	517	305	1	16,650	3.8	10-67		34	790	11
21-18-0107	492769	139926	4 7 65	16	14,500	597	305	1	20,240	4.5	5-67		23	664	36
21-20-0240	509537	125640	11 28 65	13	12,020	462	305	1	14,860	4.0	11-67		33	685	33
21-21-0039	395032	125539	2 23 59	10	11,930	467	297	5	16,740	4.0	1-68		42	820	33
21-24-0966	385253	115176	8 24 58	15	10,775	442	295	8	13,960	4.1	1-68		42	528	23

21-24-0966	385258	120448	4 19 59	24	10,904	455	302	5	14,204	4.0	573	8-67	43	755	26
21-24-0966	466319	118619	12 11 63	23	10,495	429	292	2	13,720	4.0	551	1-67	40	820	29
21-24-0186	455604	118619	6 6 63	16	12,045	478	305	2	17,480	3.8	667	11-66	40	1061	36
21-26-0186	439522	118619	8 20 62	8	12,726	506	304	3	15,656	3.7	577	2-67	42	840	25
21-26-0222	360885	120448	2 14 58	18	9,515	371	297	6	12,538	4.0	502	10-67	43	700	27
21-28-0007	471259	126555	8 15 64	12	13,985	604	305	2	14,745	4.6	674	8-67	38	544	21
21-28-0007	477060	126555	9 5 64	12	13,985	604	305	2	16,830	3.9	654	8-67	38	762	19
21-30-0183	457140	120448	2 21 63	9	14,120	592	240	2	15,785	4.2	656	9-67	39	556	20
21-30-0231	466116	139926	12 22 63	11	11,150	476	305	2	15,105	4.3	642	11-67	29	560	25
21-30-0231	453806	138957	4 5 63	6	10,915	467	287	2	14,450	4.3	627	6-67	35	509	27
21-30-0960	463539	138750	12 12 63	9	13,410	550	301	2	17,225	4.0	692	10-67	37	683	21
21-30-0960	451759	120448	4 10 63	7	12,210	507	304	3	15,526	4.1	638	10-67	41	738	27
21-31-0007	473347	137808	6 26 63	15	13,155	504	305	2	16,810	3.8	640	7-67	29	538	20
21-31-0007	474043	137808	9 20 64	10	14,485	554	305	2	17,925	4.0	722	1-68	29	529	25
21-31-0007	405991	127112	5 23 59	13	13,412	524	305	5	16,538	3.9	638	6-67	36	597	22
21-31-0212	371648	120448	7 24 58	14	13,656	574	275	5	18,458	4.0	735	11-67	43	988	33
21-31-0661	462879	120448	10 24 63	23	14,890	618	305	2	18,345	4.0	725	7-67	39	750	24
21-32-0076	471993	125472	11 16 63	27	16,460	631	301	2	20,850	3.8	784	11-66	40	685	21
21-32-0076	473245	126555	11 7 64	27	16,415	641	305	2	18,730	3.9	738	9-67	38	732	25
21-32-0076	473248	126555	10 12 64	30	17,475	676	305	2	23,145	3.5	807	11-67	38	1094	29
21-32-0076	473247	126555	8 9 64	27	16,415	641	303	2	19,295	3.9	758	9-67	38	791	27
21-32-0076	494808	126555	11 8 65	23	17,210	661	305	1	20,580	3.3	684	9-67	34	775	17
21-32-0076	494814	126555	3 7 66	14	19,860	745	305	1	23,160	3.7	855	1-68	34	790	24
21-32-0076	494813	126555	10 28 65	23	17,350	660	305	1	19,390	3.7	722	10-67	34	674	20
21-32-0076	494811	126555	10 18 65	23	17,210	661	305	1	21,650	3.4	734	9-67	34	857	21
21-33-0669	487386	118619	8 1 65	21	15,120	660	305	1	17,060	4.6	785	6-67	35	709	29
21-39-0118	457142	138750	7 1 63	28	14,640	595	298	3	20,863	3.8	791	1-68	40	1049	30
21-39-0118	472191	138750	6 13 64	26	13,825	587	300	2	18,145	4.1	752	10-67	37	742	24
21-39-0229	480017	120448	2 2 65	17	14,910	646	305	2	21,910	4.5	978	1-68	39	1117	48
21-42-0004	503275	126555	9 3 64	19	12,630	514	305	1	16,890	3.6	616	7-67	34	808	22
21-42-0004	503276	126555	11 9 64	19	12,630	514	305	1	16,150	3.9	631	7-67	34	751	23
21-42-0739	381158	120448	3 28 59	13	13,431	535	301	6	16,078	4.0	637	3-68	43	702	25
21-52-0628	463381	120448	10 23 64	16	13,205	532	305	2	15,500	3.9	609	1-68	39	612	20
21-52-0628	405304	125539	2 23 60	12	15,007	576	302	4	18,000	4.0	728	7-67	41	598	26
21-53-0900	441778	118619	8 19 62	21	13,916	603	305	3	14,243	4.6	654	12-66	42	551	24
21-53-0900	483312	118619	1 15 65	11	12,840	536	305	1	14,910	4.3	636	7-67	35	701	26
21-55-0456	486130	136140	3 12 65	11	11,185	465	290	2	14,740	4.0	593	4-68	38	794	15
21-56-0129	449763	138251	8 30 62	12	15,232	616	305	4	19,155	4.0	761	3-68	35	718	28
21-56-0129	396449	120448	12 16 59	13	15,503	622	305	3	18,403	4.6	845	6-67	41	728	39
22-17-0154	468516	133691	2 2 64	13	10,970	478	305	1	18,050	4.2	751	8-67	30	547	21
22-22-0014	473993	126555	9 17 64	12	16,250	659	274	2	18,800	3.8	717	2-68	38	755	21
22-22-0014	472051	126555	6 12 64	9	15,270	626	305	1	17,580	4.3	748	6-67	34	678	24
22-22-0014	473991	126555	10 27 64	12	16,085	654	296	2	19,420	3.9	752	12-67	38	835	25
22-22-0014	477826	126555	11 5 64	10	15,145	626	303	2	19,265	4.5	874	12-67	38	907	40
22-22-0014	449958	136140	1 6 63	14	15,070	602	305	3	19,246	3.8	730	5-67	40	882	17

TABLE 7.—HIGH-RANKING PROGENY OF DHIA SIRE: BROWN SWISS—Continued

COW'S LAST HERD CODE	COW'S REGISTRATION NO.	COW'S SIRE REGISTRATION NO.	COW'S BIRTH DATE (Mo.) (Day) (Yr.)	HERDMATES			AVERAGE PRODUCTION OF COW				LAST CALVING		REPEAT- ABILITY (Pct.)		COW INDEX	
				NUM- BER	MILK (Lb.)	FAT (Lb.)	IN MILK (Days)	REC- ORDS	MILK (Lb.)	FAT (Pct.)	(Mo.) (Yr.)	CAR			MILK	FAT
22-22-0014	483036	126555	3 21 65	7	15,400	636	305	1	19,360	3.8	734	10-67	34	806	23	
22-23-0061	430121	137095	8 16 61	16	13,856	602	305	3	18,696	4.6	854	1-68	34	699	39	
22-26-0071	437041	115176	1 18 62	5	12,980	533	301	4	16,347	4.2	683	3-68	41	563	26	
22-26-0131	427630	118913	12 22 61	13	17,797	774	301	4	23,925	4.3	1031	2-68	40	842	41	
22-26-0131	431514	135487	6 7 61	17	17,547	735	281	4	22,762	4.2	955	5-67	36	1050	40	
22-26-0131	473558	141632	11 24 64	13	16,695	749	305	2	19,785	4.4	864	10-67	29	639	22	
22-26-0131	470409	141632	9 11 64	17	16,690	756	305	2	18,805	4.7	879	2-68	29	521	23	
22-26-0131	275985	102954	7 13 53	14	17,205	740	305	2	26,505	4.0	1051	8-67	39	1257	45	
22-29-0054	466289	126555	4 30 64	21	12,660	516	305	2	15,315	4.1	626	10-67	38	728	25	
22-29-0280	467057	126555	1 3 64	10	12,946	526	281	3	18,443	3.7	677	1-68	41	1090	31	
22-36-0049	502705	136140	3 29 62	6	10,955	444	294	2	14,820	3.7	544	3-68	38	824	12	
23-10-0016	482539	130709	8 6 64	18	13,950	548	304	2	17,595	4.1	713	2-68	36	586	21	
23-14-0187	437826	118619	2 26 62	12	12,846	552	305	3	13,320	4.3	577	12-66	42	556	20	
23-14-0187	440677	118619	9 3 62	7	13,426	586	305	3	15,880	4.6	733	6-67	42	793	35	
23-14-0187	437829	118619	6 15 62	12	12,690	551	305	3	19,263	3.9	756	10-66	42	1264	41	
23-14-0187	440675	118619	7 27 62	12	12,996	557	296	3	13,803	4.3	595	12-66	42	596	22	
23-14-0187	437824	118619	2 25 62	11	12,065	535	305	2	17,745	4.8	618	9-66	40	576	26	
23-21-0098	482002	139591	3 27 64	15	12,785	531	220	2	17,285	4.0	695	5-67	35	615	20	
23-31-0142	460742	125472	1 27 63	13	13,740	556	305	2	20,230	3.9	790	10-66	40	871	29	
23-37-0069	467249	137238	1 21 64	-9	12,315	513	305	2	15,920	4.3	680	10-67	33	571	24	
23-56-0107	478605	140809	11 1 63	6	11,725	512	305	2	17,145	4.4	746	3-68	29	674	31	
23-59-0159	462094	124652	2 1 64	7	13,636	560	292	3	19,140	3.9	740	3-68	42	628	22	
23-59-0159	447651	137211	1 5 63	5	13,443	544	305	3	16,780	4.2	712	7-67	32	592	28	
23-63-0081	501614	137867	4 3 64	14	13,235	529	305	2	18,965	4.0	750	3-68	30	782	31	
23-65-0045	443872	136140	7 11 62	9	13,957	596	305	4	18,622	3.8	714	3-68	42	1024	18	
23-67-0203	383433	122885	10 31 58	14	12,330	514	293	8	17,942	4.3	772	2-68	39	772	37	
31-02-0380	413458	123965	7 2 60	5	14,215	591	280	4	16,972	4.3	727	7-67	36	510	24	
31-06-0275	412146	121816	9 9 60	18	13,010	542	302	5	16,562	4.1	675	5-67	43	553	24	
31-06-0275	492184	102954	7 2 65	31	12,280	533	305	1	17,130	4.2	724	11-67	35	630	26	
31-12-0810	496288	136140	9 5 65	12	14,450	640	305	1	17,830	4.0	718	11-67	34	732	9	
31-14-0927	293962	91845	6 11 54	34	11,760	486	305	2	19,025	4.5	847	1-68	38	721	38	
31-15-0091	485557	130986	7 28 64	5	10,050	453	305	1	16,340	4.5	735	9-67	26	702	30	
31-15-0874	493545	139273	11 5 65	13	15,830	660	305	1	20,070	4.0	800	2-68	23	701	25	
31-15-0874	454081	139273	3 20 63	12	15,146	658	305	3	18,476	4.1	764	1-68	32	746	26	
31-15-0874	467879	139273	1 13 64	13	14,805	669	305	2	21,645	4.5	967	4-67	29	1177	50	
31-15-0874	476386	139273	8 19 64	12	15,920	680	305	2	24,260	4.2	1028	2-68	29	1317	54	
31-15-0874	470532	139273	6 4 64	13	15,590	682	305	2	18,090	4.2	751	10-67	29	661	22	
31-15-0874	452104	139273	1 15 63	11	14,176	631	305	3	21,196	4.3	903	4-67	32	1290	50	
31-15-0874	458204	139273	7 1 63	14	15,210	665	305	3	21,133	4.0	838	2-68	32	1101	35	
31-21-0803	439953	118619	4 20 62	27	11,686	447	305	3	13,090	3.8	492	10-66	42	650	21	
31-33-0175	410886	124045	9 16 60	24	13,016	535	305	3	19,626	4.0	792	12-67	34	989	38	
31-33-0175	461128	119793	11 2 63	18	13,055	536	305	2	18,415	4.0	735	8-67	30	662	25	
31-33-0175	461127	119793	11 23 63	23	13,105	537	305	2	17,845	4.1	727	11-67	30	589	24	
31-33-0175	477494	133515	10 2 64	29	14,045	562	305	2	18,025	4.2	761	1-68	30	587	32	
31-42-0094	473323	126555	5 23 64	12	14,510	589	305	1	18,490	3.3	618	11-67	34	801	17	

31-42-0094	456693	126555	7 13 63	12	14,510	589	305	1	19,140	3.9	748	11-67	34	851	27
31-45-9023	476836	138616	3 14 64	18	12,640	522	297	2	20,775	3.6	752	11-67	29	1279	36
31-45-9023	476835	138616	10 16 64	15	12,095	498	305	2	18,610	3.9	726	11-67	29	1077	35
31-45-9023	476837	138616	9 28 64	14	12,690	516	305	1	16,240	4.1	661	8-67	23	637	21
31-45-9023	459636	138616	10 10 63	19	12,565	518	290	2	17,960	4.0	710	10-67	29	947	31
31-45-9023	476840	138616	3 2 64	19	12,565	518	305	2	18,410	3.8	703	10-67	29	1001	30
31-45-9023	476833	138616	9 22 64	19	13,290	552	260	2	16,190	4.0	646	11-67	29	654	20
31-45-9023	428301	133460	10 10 61	11	13,922	565	298	4	17,302	4.0	684	3-68	35	629	23
31-45-9023	477836	138616	8 20 62	17	13,310	560	292	4	17,375	3.8	656	12-67	33	880	22
31-45-9023	428299	133460	12 13 61	14	13,967	567	305	4	18,085	4.0	716	3-66	35	735	28
31-46-0367	446990	123323	8 15 62	20	12,057	505	304	4	14,610	3.9	576	9-67	42	719	19
31-46-0367	431519	123323	10 17 61	18	11,800	491	289	4	14,040	4.1	574	8-67	42	676	20
31-49-9066	434565	130709	3 10 62	26	13,717	588	283	4	17,675	3.6	645	6-67	40	730	12
31-49-9066	473291	143612	11 29 64	33	13,615	583	305	2	17,425	4.3	752	2-68	29	678	31
31-49-9066	473297	143612	11 1 64	33	13,615	583	295	2	18,355	4.0	733	2-68	29	791	29
31-49-9066	455340	121816	9 16 63	34	14,150	606	305	2	19,620	4.4	865	5-67	40	609	32
31-49-9066	488103	143612	10 28 65	26	13,280	573	305	1	18,810	4.0	751	1-68	23	727	27
31-49-9066	488105	143612	9 15 65	26	13,280	573	305	1	18,020	4.0	720	1-68	23	655	24
31-49-9066	473292	143612	10 18 64	33	13,615	583	305	2	16,345	4.1	674	2-68	29	548	21
31-49-9066	494218	143612	3 26 66	21	13,730	578	299	1	17,360	4.1	717	3-68	23	559	24
31-49-9066	495160	143612	1 19 66	26	13,220	565	305	1	17,530	4.2	728	2-68	23	616	26
31-52-9351	492006	136140	12 4 65	16	11,710	502	305	1	19,070	4.0	758	1-68	34	1026	22
31-52-9351	480753	138750	1 22 65	25	10,470	454	305	1	15,790	4.1	644	5-67	33	688	20
31-52-9351	470743	138750	3 15 64	16	10,515	456	305	2	15,985	3.9	624	8-67	37	829	23
31-52-9351	456545	120448	5 16 63	17	12,370	541	305	3	16,486	4.1	672	12-67	41	834	27
31-54-9755	422193	132685	6 18 61	9	12,428	524	305	5	16,570	4.0	670	7-67	36	781	29
31-54-9755	401431	132685	4 18 60	10	13,838	584	303	6	19,603	3.7	733	1-68	36	1009	29
31-58-9040	493499	102954	6 1 65	5	14,090	635	305	1	21,350	4.3	912	12-67	35	828	34
31-72-9038	472122	109152	4 8 64	10	11,915	518	305	2	18,675	3.8	708	12-67	40	857	23
31-72-9038	459237	131528	12 1 63	10	11,510	481	305	2	15,435	4.6	706	7-67	38	513	31
31-80-9069	488102	143612	7 6 65	11	13,240	527	305	1	17,260	4.0	698	3-68	23	590	26
31-83-0360	495619	123323	11 1 65	12	13,840	577	305	1	17,870	3.9	700	1-68	35	772	21
31-83-0360	443431	123323	10 8 62	16	12,330	534	300	3	16,106	4.1	653	9-67	41	850	24
31-85-9087	476968	136140	11 3 64	29	10,730	458	305	1	14,980	3.6	537	1-68	34	779	8
32-02-0047	501615	137867	4 2 64	17	13,940	548	299	2	18,670	4.0	738	1-68	30	678	28
32-02-0901	478138	126555	1 13 65	10	12,360	512	305	1	14,890	4.6	682	8-67	34	673	27
32-02-0901	463414	126555	1 13 64	9	13,660	586	305	2	16,950	4.1	692	1-68	38	805	25
32-02-0901	463413	126555	1 11 64	11	13,170	559	305	2	15,950	3.7	586	7-67	38	747	16
32-27-0543	500917	126555	11 18 64	13	11,325	448	305	2	13,600	4.0	543	3-68	38	675	22
32-30-0160	490565	109152	11 15 65	9	14,400	574	305	1	21,860	3.9	855	11-67	35	760	25
32-30-9441	458134	135487	9 1 63	10	12,433	505	305	3	16,743	3.8	643	12-67	35	847	26
32-30-9441	416711	134551	1 16 61	11	13,130	518	305	4	16,812	3.9	653	2-68	35	557	20
32-30-9441	443023	135487	5 13 62	10	13,977	552	234	4	16,490	4.0	662	2-68	37	579	20
32-33-0411	503946	136140	1 1 65	10	9,760	400	305	1	13,480	3.7	500	8-67	34	722	9
32-34-0534	495229	126555	10 30 64	7	12,370	508	305	1	16,120	4.2	671	8-67	34	767	27

TABLE 7.—HIGH-RANKING PROGENY OF DHIA SIRES: BROWN SWISS—Continued

COW'S LAST HERD CODE	COW'S REGISTRATION NO.	COW'S SIRE REGISTRATION NO.	COW'S BIRTH DATE (Mo.) (Day) (Yr.)	HERDMATES			AVERAGE PRODUCTION OF COW				LAST CALVING		REPEAT- ABILITY (Pct.)	COW INDEX	
				NUM- BER	MILK (Lb.)	FAT (Lb.)	IN MILK (Days)	REC- ORDS	MILK (Lb.)	FAT (Pct.)	(Mo.) (Yr.)	CAR		MILK	FAT
32-43-9537	455016	139840	7 13 63	8	14,760	632	303	3	19,030	4.3	822	11-67	32	612	32
32-43-9537	397666	126599	1 1 60	13	13,645	567	297	6	17,260	4.4	758	10-67	39	705	35
32-44-9481	474845	139286	3 31 64	20	13,530	567	305	2	20,245	4.0	800	12-67	29	861	31
32-44-0904	341889	116729	6 20 56	7	11,403	468	305	3	13,143	4.2	548	11-67	39	659	23
32-57-9539	425851	130986	1 24 61	12	15,116	625	290	3	18,386	4.4	813	11-67	34	624	31
32-57-9539	408868	130986	9 8 60	14	14,490	597	215	3	18,343	4.1	749	9-67	34	693	26
32-68-9243	450086	127948	2 2 63	10	12,950	549	305	3	19,270	3.7	715	8-67	34	1163	37
32-68-9243	440792	127948	5 24 62	6	13,466	565	305	3	16,693	3.8	634	6-67	34	762	24
32-90-0380	358331	126599	10 2 57	9	13,125	555	305	2	21,065	3.9	832	10-67	34	1088	39
33-07-0711	451656	140688	12 11 62	12	12,967	529	305	4	16,457	4.1	678	4-68	34	570	30
33-18-0216	426494	132785	12 22 60	21	10,790	439	305	4	15,080	4.2	632	3-68	33	625	29
33-18-0216	460789	117422	11 29 62	21	10,380	425	305	3	14,070	4.1	577	7-67	35	512	21
33-18-0676	393848	109152	11 23 58	10	11,166	459	305	3	17,080	4.3	729	1-68	42	843	34
33-21-9171	480853	131528	3 18 65	6	10,080	447	305	1	17,020	4.2	721	3-67	31	638	29
33-44-0310	428042	102954	1 21 60	10	14,555	581	305	6	16,615	4.2	697	12-67	43	527	26
33-44-0311	485140	118619	3 10 65	9	10,580	412	305	1	13,450	4.1	556	7-67	35	745	28
33-55-0146	416433	118619	11 27 60	20	14,130	545	305	4	17,312	3.6	620	9-66	43	902	26
33-78-0171	440048	102954	9 10 61	15	12,197	514	305	4	14,655	4.5	654	9-67	42	538	28
33-78-0540	365386	124652	11 5 57	16	13,148	516	298	5	17,356	4.1	711	2-68	44	533	26
33-86-9442	485101	131528	4 9 65	18	12,530	544	305	1	18,940	4.4	830	5-67	31	615	30
33-86-9442	457666	136139	10 2 63	8	13,020	568	305	3	16,356	4.1	674	11-67	32	553	20
33-86-0510	479395	138941	3 14 64	12	11,150	457	262	2	15,510	4.1	633	10-67	29	541	22
33-86-0510	362853	116729	8 21 57	10	11,945	487	305	2	14,445	4.1	591	9-67	37	738	25
33-86-0510	342165	116729	1 15 57	9	13,247	536	304	9	15,807	3.9	621	9-67	42	803	25
33-86-0910	471427	137736	6 22 64	7	11,135	463	305	2	18,455	3.8	699	9-67	39	575	23
33-86-0910	426010	102954	10 4 61	8	12,748	527	305	5	18,890	4.2	784	3-68	43	1040	44
33-87-0110	443328	102954	6 26 62	5	12,017	507	305	4	14,757	4.4	650	1-68	42	572	28
33-87-0110	458115	102954	6 23 63	5	12,635	523	305	2	15,925	4.1	651	6-67	39	588	24
33-87-0615	427526	102954	7 18 61	10	11,487	465	304	4	14,930	3.9	581	10-67	42	654	24
33-95-0342	446530	102954	9 13 62	14	12,477	506	243	4	14,800	4.0	598	2-68	42	525	22
33-95-0342	475405	102954	10 30 64	17	13,060	541	210	2	17,800	3.9	703	12-67	39	742	28
34-13-0116	486388	141776	3 27 55	10	13,400	561	305	1	17,910	4.4	790	1-68	23	599	27
34-13-0116	465764	141776	1 29 64	13	12,155	501	305	2	17,575	3.9	686	8-67	29	844	28
34-32-0004	474765	126555	10 31 64	14	13,055	512	280	2	13,940	4.3	594	3-68	38	547	22
34-32-0004	484053	126555	6 6 65	14	12,100	485	305	1	17,180	3.8	646	7-67	34	867	26
34-38-0009	445290	133884	8 8 62	45	12,290	494	302	3	15,693	3.9	614	3-68	33	619	23
34-38-0009	428654	133884	8 12 61	49	12,150	488	305	4	16,192	3.9	636	2-68	35	739	28
34-78-0137	464387	126555	1 3 64	18	13,695	551	298	2	17,525	3.7	646	12-67	38	862	23
34-81-0009	478855	136140	7 30 64	17	10,380	440	305	1	14,290	3.4	492	9-67	34	741	6
34-81-0009	478851	136140	10 3 64	17	10,380	440	305	1	15,330	3.4	523	9-67	34	821	8
34-81-0009	447820	136140	6 8 62	17	10,506	431	305	3	16,423	3.5	582	2-68	41	1099	19
35-08-0021	426570	109152	7 15 61	15	11,740	481	304	4	16,410	3.6	588	11-67	43	738	16
35-09-0049	452158	109953	1 4 63	13	12,460	490	304	3	15,383	4.0	608	6-67	39	569	22
35-22-0068	444949	126555	10 29 62	14	12,770	479	305	2	15,335	3.6	552	12-67	38	720	20
35-22-0068	422210	126555	3 28 61	9	12,837	487	302	4	15,437	3.2	495	12-67	42	760	13

35-22-0068	441926	126555	7 2 62	10 12,533	482	305	3 18,483	3.5	638	11-67	41	1139	31
35-22-0068	427423	126555	10 29 61	5 12,826	486	305	3 15,490	4.0	615	4-68	41	753	28
35-22-0068	377551	126555	4 1 58	13 12,471	484	305	7 14,305	3.8	549	10-67	43	662	20
35-22-0068	397044	126555	9 15 59	10 12,216	463	305	5 15,092	3.9	588	7-67	43	797	28
35-22-0068	346961	116729	3 15 57	14 11,755	448	305	7 13,834	3.8	531	7-67	42	717	24
35-23-0038	343021	124052	9 22 56	24 13,877	564	305	7 19,804	4.1	817	11-67	35	999	42
35-23-0038	370512	124052	11 9 57	16 14,186	570	304	6 17,028	4.1	690	4-68	35	538	22
35-23-0056	426993	126555	10 21 61	15 13,483	545	305	3 16,633	3.7	610	12-67	41	819	21
35-23-0063	416439	121816	10 17 60	15 13,382	554	305	4 18,662	3.6	678	10-67	43	703	21
35-23-0063	410223	130564	10 3 60	14 13,393	559	305	3 17,603	4.1	715	10-67	34	762	25
35-23-0094	440823	137399	8 25 62	13 11,965	491	199	4 16,610	3.8	639	12-67	8	791	28
35-27-0012	413746	127710	8 16 60	24 12,807	517	305	4 16,995	3.7	633	6-67	35	705	22
35-27-0012	439324	136096	6 4 62	25 13,765	548	301	4 17,895	3.8	685	4-68	33	664	21
35-27-0012	349742	116729	10 18 56	28 12,593	510	305	6 18,308	4.0	737	2-68	42	1222	44
35-27-0012	349736	116729	9 4 56	27 12,510	508	305	8 15,901	4.1	648	9-67	42	906	32
35-28-0017	440351	118619	7 28 62	34 13,313	562	303	3 16,690	4.0	664	12-66	42	899	29
35-28-0017	452071	118619	2 7 63	34 13,095	560	305	2 16,940	4.3	727	11-66	40	910	35
35-28-0017	475153	131528	7 29 64	27 13,770	594	305	2 18,720	4.4	826	11-67	38	645	32
35-38-0010	393096	109953	6 13 59	6 10,216	409	305	3 13,493	4.0	533	3-68	39	584	22
35-54-0054	481452	118619	1 1 65	12 11,090	486	305	1 16,070	3.9	626	5-67	35	908	28
35-54-0072	420110	133175	1 1 61	10 11,886	488	305	5 16,138	4.1	662	10-67	35	679	28
35-54-0072	432472	133175	10 8 61	10 11,480	458	305	3 15,610	5.1	790	10-67	32	591	46
35-57-0045	474373	136140	6 9 64	21 13,810	529	305	2 19,675	3.3	649	9-67	38	1056	15
35-62-0065	319614	116729	2 6 56	10 12,621	525	305	8 15,101	4.5	675	2-68	42	784	34
35-63-0061	410241	127710	6 25 60	14 12,534	505	303	5 18,534	3.9	719	11-67	36	996	37
35-65-0084	279737	85732	6 6 53	15 12,827	525	291	9 15,662	4.0	624	7-67	6	513	21
35-66-0004	490842	118619	3 14 65	8 13,620	543	305	1 14,430	4.3	617	8-67	35	612	24
35-66-0004	490840	118619	1 29 65	11 14,420	569	305	1 17,380	4.1	709	6-67	35	780	29
35-66-0004	458968	121212	4 1 63	9 13,866	551	305	3 19,883	4.0	787	4-68	33	893	35
35-66-0004	445102	121212	9 28 62	12 14,043	567	305	3 17,206	4.4	756	9-67	33	516	29
35-67-0016	425652	109953	6 15 61	9 9,830	405	305	2 13,475	4.1	548	10-67	37	582	23
35-67-0082	480137	126599	5 1 64	6 12,680	532	305	2 16,440	4.0	651	10-67	34	611	21
35-68-0052	382552	123323	3 3 59	11 11,858	476	302	5 16,826	3.6	612	6-67	43	1042	27
41-19-0003	470274	118619	7 21 64	6 10,965	453	295	2 12,015	4.6	548	7-67	40	603	26
41-19-0003	429812	118619	8 19 61	8 10,950	458	297	3 14,713	3.7	545	8-67	42	917	26
41-23-0025	449468	140296	2 15 63	5 10,483	430	305	3 14,700	4.3	639	7-67	32	534	28
41-25-0034	434282	118619	2 12 62	9 13,036	521	299	3 14,336	4.5	647	1-67	42	654	32
41-27-0029	481853	118619	3 27 65	11 12,580	497	305	1 14,890	3.7	549	6-67	35	717	22
41-28-9009	361382	116729	1 10 57	6 11,748	461	304	5 14,576	3.7	545	11-67	42	819	24
41-28-9026	481204	136140	11 28 64	7 14,100	558	305	1 17,460	3.5	607	4-67	34	728	6
41-28-9026	470917	134882	10 8 63	8 12,625	507	305	2 17,285	4.3	751	8-67	32	651	31
41-28-9026	442895	134882	12 12 60	9 12,504	513	305	5 18,562	3.8	709	10-67	37	989	32
41-33-0057	395474	91234	8 15 59	7 11,880	466	296	5 18,464	3.6	656	12-67	43	1019	24
41-41-0002	449809	136631	4 14 63	6 11,650	461	305	1 16,210	4.2	680	6-67	24	562	28
41-41-0002	449808	136631	5 20 63	5 13,145	535	305	2 19,845	4.0	803	9-67	30	1028	42

TABLE 7.—HIGH-RANKING PROGENY OF DHIA Sires: BROWN SWISS—Continued

COW'S LAST HERD CODE	COW'S REGISTRATION NO.	COW'S SIRE REGISTRATION NO.	COW'S BIRTH DATE (Mo.) (Day) (Yr.)	HERMATES			AVERAGE PRODUCTION OF COW				LAST CALVING		REPEAT- ABILITY (Pct.)	COW INDEX	
				NUM- BER	MILK (Lb.)	FAT (Lb.)	IN MILK (Days)	REC- ORDS	MILK (Lb.)	FAT (Pct.)	(Mo.) (Yr.)	CAR		MILK	FAT
41-41-0002	498632	139631	7 2 65	7	11,940	481	305	1	18,020	3.8	8-67		24	774	29
41-43-0018	431244	114408	7 3 61	6	9,770	397	305	4	12,955	3.8	7-67		41	512	20
41-46-0075	492521	126555	9 29 65	7	14,770	541	305	1	19,870	3.6	1-68		34	889	28
41-46-0099	434995	133259	8 24 61	7	9,727	390	231	4	14,052	3.9	5-63	E	33	683	24
41-47-0070	421860	114408	11 1 60	10	9,792	382	305	4	14,705	3.8	1-68		41	733	29
41-52-9020	418707	133783	6 26 60	7	11,752	484	305	4	17,905	4.1	6-67		41	592	26
41-52-9020	459833	118619	9 29 63	5	13,425	549	301	2	15,630	3.7	5-67		40	746	20
41-52-0021	439996	118619	4 6 62	8	12,356	517	305	3	14,586	4.1	5-67		42	754	26
41-52-0021	439997	118619	5 4 62	7	12,260	504	305	2	16,265	4.0	12-66		40	918	32
41-55-9174	508507	126555	8 19 65	18	13,920	568	305	1	18,450	3.8	9-67		34	839	24
41-56-0355	430496	118619	9 28 61	8	10,180	384	305	3	14,213	4.1	2-67		42	939	38
41-84-9091	471398	143433	5 5 64	6	10,366	410	286	3	14,390	3.7	1-68		32	671	21
41-84-9091	473280	143433	7 25 64	5	10,550	421	294	3	15,153	4.2	3-68		32	752	33
42-01-9003	468525	118619	8 21 63	6	13,360	524	305	1	16,250	3.9	5-67		35	767	26
42-01-9003	406893	118619	7 9 60	6	11,320	472	305	5	14,088	4.2	2-67		44	825	32
42-03-9007	468892	118619	2 3 63	14	11,400	460	305	2	12,975	4.1	9-66		40	661	24
42-06-0092	470351	118619	4 21 63	14	11,745	495	305	2	14,890	3.9	12-66		40	825	26
42-06-0092	462113	118619	2 12 63	12	13,470	543	299	2	14,750	4.1	6-67	8	40	652	24
42-06-0092	462111	118619	5 26 63	15	11,760	500	305	2	13,300	4.1	10-66		40	661	21
42-06-0092	462112	118619	8 13 62	10	12,606	507	301	3	15,190	3.9	4-67		42	799	28
42-06-0092	443362	118619	7 3 62	11	11,972	500	279	4	13,235	4.3	9-67	8	43	637	24
42-06-0092	428400	118619	7 1 61	11	11,668	490	285	5	12,526	4.3	8-67	8	44	580	22
42-06-0092	410926	118619	7 14 60	9	12,324	526	305	5	14,132	4.2	11-66		44	713	25
42-08-0004	436909	118142	8 23 61	9	12,065	499	303	4	19,137	4.1	2-68		40	970	43
42-08-0004	420576	118619	12 19 60	11	11,412	487	288	4	12,637	4.1	9-66		43	625	20
42-14-9012	452361	139618	4 17 63	9	13,230	505	305	2	17,945	4.3	6-67		29	643	36
42-14-9012	473187	139618	7 1 64	13	12,930	509	305	2	16,660	3.9	1-68		29	516	21
42-16-9055	493583	118619	7 26 65	10	11,000	437	305	1	15,460	3.8	7-67		35	868	29
42-16-9055	459738	118619	12 11 63	13	11,045	479	305	2	15,135	4.2	10-66		40	914	32
42-16-9055	459739	118619	9 23 63	13	10,785	470	305	2	12,415	4.3	11-66		40	660	23
42-16-9055	459740	118619	7 26 63	11	10,615	452	305	2	16,875	3.9	2-67		40	1131	37
42-16-9055	484153	118619	2 15 65	11	10,750	427	305	1	12,800	3.9	6-67		35	684	23
42-16-9055	477606	118619	8 2 64	10	11,000	437	305	1	12,980	4.1	7-67		35	681	25
42-16-9055	458708	118619	3 17 63	11	11,240	487	305	2	14,555	4.0	9-66		40	837	26
42-22-0002	463831	141843	2 2 64	11	12,430	539	305	3	17,190	4.0	3-68		31	707	27
42-22-9017	475233	139536	9 10 64	14	13,580	580	305	2	19,380	4.2	2-68		33	797	30
42-22-9017	462550	139536	12 6 63	19	13,446	585	303	3	19,690	4.5	11-67		36	937	42
42-22-9017	452957	118619	5 22 63	11	14,346	610	305	3	17,946	4.1	6-67		42	937	32
42-22-0033	478286	142071	10 22 64	11	7,440	298	305	1	14,050	3.8	10-67		22	658	24
42-22-0033	478289	142071	11 7 64	11	7,440	298	305	1	13,230	3.8	10-67		22	584	20
42-23-0054	486349	132823	8 1 65	8	11,670	435	305	1	16,590	3.6	3-68		30	645	24
42-23-0054	479625	118619	12 4 64	6	12,715	465	305	2	14,905	3.9	5-67		40	737	28
42-23-0054	479624	132823	12 12 64	9	12,540	471	305	2	20,830	3.9	2-68		35	1152	47
42-26-0009	455833	118619	9 16 63	9	10,290	420	302	2	12,835	3.7	11-66	8	40	749	22
42-26-0009	455835	118619	5 27 63	8	10,425	427	283	2	12,265	3.8	12-66	8	40	678	20

42-26-0009	455834	118619	7 3 63	8	10,425	427	290	2	12,025	4.1	494	12-66	8	40	654	23
42-26-0009	440414	118619	9 6 62	9	10,836	446	294	3	15,593	4.0	619	12-66	8	42	1031	36
42-30-0013	458300	137486	3 18 63	8	12,856	489	305	3	17,113	4.0	687	1-68		32	665	32
42-30-0013	474399	137486	2 7 64	11	13,666	543	305	3	18,570	3.9	727	1-68		32	763	30
42-33-0066	464045	142966	1 26 64	31	12,530	495	300	3	16,440	4.0	658	2-68		32	597	25
42-33-0066	485498	142966	12 25 64	27	12,770	496	305	1	18,520	3.8	697	11-67		23	591	21
42-33-0066	477813	142966	9 29 64	20	12,430	489	305	1	19,360	3.8	726	10-67		23	695	24
42-33-0066	448736	136268	10 14 62	34	11,897	476	289	4	16,035	3.9	620	11-67		34	651	23
42-33-9208	449815	118619	9 29 62	9	10,855	424	305	2	14,405	4.3	619	5-67		40	857	36
42-42-9010	504981	137456	6 20 64	7	9,880	387	305	1	18,190	3.8	693	5-67		24	939	38
42-42-9010	499052	137456	3 26 64	11	10,995	451	305	2	14,035	4.5	626	9-67		29	549	31
42-42-9020	494236	139665	10 3 62	7	10,405	451	305	2	16,030	4.3	686	9-67		30	661	28
42-42-9020	494239	118619	2 16 63	9	10,660	443	305	2	16,645	3.8	632	11-66		40	1103	36
42-42-9020	479701	118619	7 15 63	12	10,995	463	305	2	13,320	4.0	536	11-66		40	733	24
42-42-0049	459006	118619	9 23 63	11	11,680	439	305	2	14,920	3.5	518	12-66		40	834	25
42-45-9009	449323	132823	12 7 62	10	11,676	475	299	3	15,136	4.0	600	7-67		37	646	25
42-46-0024	440232	118619	11 3 61	14	13,350	496	294	4	15,922	3.5	565	5-67		43	817	25
42-46-0024	482267	118619	11 23 64	15	12,320	441	283	1	13,610	4.2	569	7-67		35	638	27
42-46-0024	485226	118619	4 19 65	15	12,320	441	305	1	13,920	3.8	533	7-67		35	662	24
42-46-0024	383012	118619	6 18 58	10	12,586	476	304	3	17,410	3.6	634	10-66		42	1059	35
42-46-0056	468280	118619	11 24 63	8	10,490	396	305	1	13,820	3.3	456	6-67		35	779	22
42-46-0056	450082	118619	1 12 63	6	9,915	372	305	2	13,720	3.3	454	7-67		40	873	24
42-50-0005	420242	118619	2 12 60	10	11,482	482	302	5	12,504	4.3	540	7-67		44	599	23
42-50-0006	420266	118619	3 2 60	9	12,912	522	303	5	13,600	4.2	565	8-67		44	574	22
42-50-0006	420659	118619	12 9 60	13	12,622	513	305	4	18,542	4.1	759	11-66		43	1224	47
42-50-0006	429212	128335	7 28 65	15	14,290	595	305	1	19,320	3.9	759	3-68		33	564	23
42-50-0006	462318	118619	7 2 63	12	13,245	545	305	2	15,370	4.1	630	10-66		40	736	26
42-54-0018	461356	117219	9 3 63	8	12,335	524	300	2	17,570	4.1	722	12-67		36	680	24
42-54-0018	400203	118619	11 16 59	8	13,196	537	303	3	17,726	3.8	678	4-67		42	1032	33
42-70-0057	461542	118619	11 29 62	8	11,140	442	305	2	13,775	3.6	497	11-66		40	767	22
42-70-0057	461537	118619	2 10 63	7	11,365	467	305	2	13,205	3.9	513	10-66		40	688	21
42-70-0063	419750	118619	8 26 60	5	10,355	414	305	2	12,535	3.9	488	10-66		40	712	24
42-71-0036	436831	118619	7 16 61	8	10,485	431	294	2	14,410	3.7	532	6-67		40	891	27
42-71-0036	447889	114408	8 25 62	9	11,595	458	305	4	16,035	3.6	575	10-67		41	696	23
42-71-0036	421635	118619	12 4 60	6	11,330	456	299	4	13,897	3.7	508	10-66		43	791	22
42-71-0036	471942	118619	2 1 64	9	12,290	477	305	2	15,900	3.4	536	7-67		40	878	23
42-71-0037	414010	118619	1 26 61	6	11,037	429	305	4	17,385	3.7	643	7-67		43	1258	42
42-71-0037	414007	118619	11 13 60	8	10,982	430	305	4	13,235	3.5	469	9-66		43	748	20
42-71-0057	440041	118619	3 30 62	7	11,613	426	294	3	14,583	3.5	516	4-67		42	832	26
42-72-0019	457033	118619	4 21 63	8	11,430	456	305	2	14,270	3.6	515	7-67		40	790	23
42-77-9024	460409	124403	1 12 64	14	13,370	561	305	2	18,305	4.0	729	12-67		34	771	24
42-77-9024	460412	124403	1 1 64	16	14,583	594	289	3	18,606	4.1	756	4-68		36	735	26
42-77-9024	460400	124403	7 26 63	21	13,080	555	300	3	17,586	4.0	707	12-67		36	777	25
42-77-9024	460404	124403	9 12 63	16	14,583	594	300	3	19,896	3.6	716	4-68		36	899	21
42-77-9024	488926	125237	9 17 65	23	16,040	661	305	1	22,260	4.3	962	12-67		26	539	29

TABLE 7.—HIGH-RANKING PROGENY OF DHIA SIRE: BROWN SWISS—Continued

COW'S LAST HERD CODE	COW'S REGISTRATION NO.	COW'S SIRE REGISTRATION NO.	COW'S BIRTH DATE (Mo.) (Day) (Yr.)	HERDMATES			AVERAGE PRODUCTION OF COW				LAST CALVING		REPEAT- ABILITY (Pct.)	COW INDEX	
				NUM- BER	MILK (Lb.)	FAT (Lb.)	IN MILK (Days)	REC- ORDS	MILK (Lb.)	FAT (Pct.)	(Mo.) (Yr.)	CAR		MILK	FAT
42-82-9054	476747	141064	7 30 64	12	10,820	440	305	1	14,860	4.0	12-67		22	511	20
42-82-0071	491879	118619	1 30 65	10	9,050	393	305	1	14,100	4.0	9-67		35	898	30
42-82-0071	491880	118619	1 16 65	10	9,050	393	305	1	15,000	4.0	9-67		35	966	33
42-82-0071	451604	118619	12 19 62	21	10,865	463	305	2	11,315	4.4	9-66		40	541	21
42-82-0071	426789	118619	3 12 61	16	11,212	475	302	4	15,507	4.5	12-66		43	1005	43
42-82-0071	451602	118619	3 20 63	20	10,645	458	305	2	12,950	4.1	9-66		40	728	24
42-82-0071	451603	118619	5 1 63	18	10,720	455	305	2	14,210	3.9	12-66		40	849	26
42-82-9084	451043	118619	1 8 62	8	13,526	538	305	3	18,216	3.8	4-67		42	1055	35
42-82-9084	436509	118619	7 2 61	11	12,965	533	305	4	15,400	4.3	10-66		43	795	32
42-82-9084	476742	118619	7 4 62	7	13,510	548	305	3	18,586	3.5	3-67		42	1099	29
42-82-9084	479915	142101	9 10 64	15	12,555	528	305	2	15,760	4.4	11-67		29	514	27
42-82-9084	479913	142101	8 31 64	14	12,675	520	305	2	16,590	4.1	1-68		29	601	25
42-82-9084	417403	124788	2 4 61	17	12,948	538	305	5	17,868	3.8	11-67		42	765	22
42-82-9094	418290	118619	12 10 60	8	13,050	536	305	3	16,316	4.0	11-66	B	42	883	31
42-84-0050	485617	123323	10 13 62	13	10,396	415	305	3	13,133	4.0	12-67		41	706	22
42-84-0050	485615	123323	4 20 62	12	9,716	412	305	3	14,336	3.4	9-67		41	919	18
42-84-9058	431558	118619	8 21 61	6	13,260	531	305	3	17,956	4.0	12-66		42	1052	40
42-84-9058	431560	118619	9 12 61	8	13,465	545	305	2	14,695	4.4	12-66		40	647	28
42-85-9275	457925	118619	8 26 63	5	15,255	609	305	2	17,650	3.8	12-66		40	784	24
42-86-0076	503588	137456	3 17 64	11	11,455	462	305	2	14,780	4.0	2-68		30	592	26
42-86-0076	503582	133176	6 3 64	16	12,085	486	305	2	17,020	3.8	10-67		30	689	26
42-94-9004	482700	118619	1 22 65	16	13,800	535	305	1	16,350	4.1	6-67		35	745	29
42-94-9004	452868	118619	3 1 63	14	15,015	592	305	2	14,965	4.1	1-67		40	532	20
42-94-9004	418284	118619	1 23 61	15	14,447	565	300	4	17,352	3.9	7-67		43	872	32
42-94-9004	456421	141776	6 21 63	27	14,703	573	305	3	18,993	3.8	9-67		32	779	25
42-94-9004	431037	118619	10 6 61	14	13,580	543	291	4	16,072	4.0	2-67		43	810	28
42-94-9004	425053	128335	6 12 61	16	15,072	600	305	5	18,268	3.9	3-68		42	603	26
42-94-9004	431039	118619	12 28 61	14	13,955	542	305	4	16,120	3.9	7-67		43	774	26
42-94-9004	428139	118619	8 26 61	15	15,093	591	305	3	19,216	3.8	10-66		42	1007	34
42-94-9004	389476	128335	2 24 59	12	12,485	504	305	6	16,785	4.1	12-67		42	718	32
42-94-0010	447960	118619	12 2 62	16	10,865	428	305	2	13,210	3.9	9-66		40	734	25
42-94-0010	465541	118619	11 30 63	8	10,795	432	305	2	13,690	3.7	6-67		40	789	24
42-94-0029	452513	118619	3 6 62	10	11,990	467	298	3	13,510	3.8	2-67		42	667	21
42-94-0029	431896	118619	8 19 60	10	11,355	451	294	4	12,095	4.0	4-67		43	564	20
42-96-0081	435913	130310	6 3 60	6	12,381	485	301	6	15,698	3.8	2-68		36	618	23
43-33-0042	489789	143929	7 17 65	16	11,880	470	305	1	16,560	3.9	6-67		22	622	23
43-33-0042	489782	143929	3 14 65	30	13,070	532	305	1	18,300	3.7	3-67		22	683	21
43-45-0021	443228	118619	6 25 62	10	13,603	554	305	3	19,153	3.7	1-67		42	1156	36
45-02-0004	462553	118619	10 9 63	12	12,475	535	305	2	17,565	4.0	10-66		40	1030	34
45-02-0004	461502	118619	9 15 63	14	12,095	510	299	2	13,325	4.0	11-66		40	633	20
45-09-9042	432497	118619	3 10 62	9	14,857	620	302	4	16,977	4.0	1-67		43	779	25
45-09-9042	428720	118619	1 6 62	9	14,845	617	303	4	18,687	4.2	1-67		43	993	37
45-09-9042	432498	118619	2 7 62	9	14,717	618	302	4	17,377	4.2	738		43	845	33
45-09-9042	473800	114408	8 27 64	5	14,630	585	305	2	21,800	4.0	4-68		38	926	46
45-09-9042	415740	118619	3 7 61	8	14,884	622	304	5	17,008	4.3	2-67		44	787	33

46-06-9003	463135	125472	10	9	63	9	13,095	553	305	2	16,660	4.3	716	11-66	40	566	22
46-60-0028	448436	124652	12	11	62	16	11,157	466	303	4	15,680	4.0	632	3-68	43	521	20
47-20-9025	447233	118619	2	13	63	20	13,280	568	301	2	14,150	4.2	593	9-66	40	608	20
47-20-9025	482086	118619	1	11	65	13	11,790	487	305	1	12,500	4.6	577	7-67	35	591	25
47-34-9013	475630	118619	9	14	64	6	11,760	488	305	1	14,030	4.4	615	9-67	35	708	27
47-55-0109	446772	109152	10	7	62	12	12,835	536	305	2	16,625	4.2	700	2-67	40	564	20
47-71-0020	464595	136140	9	20	63	9	13,136	517	300	3	17,856	3.7	667	12-67	41	988	20
47-71-0020	432563	118619	1	7	62	5	12,863	512	305	3	17,626	3.8	671	1-67	42	1055	35
47-71-0020	443916	118619	7	31	62	6	12,633	500	298	3	16,766	4.0	670	4-67	42	979	36
47-71-0020	432566	118619	10	19	61	6	12,060	477	305	3	17,516	4.0	705	10-66	42	1127	43
47-71-0024	468201	117219	5	17	64	23	11,945	480	298	2	16,150	4.0	647	7-67	36	565	20
47-71-0024	468202	118619	5	24	64	17	12,075	484	305	2	13,640	3.9	527	7-67	40	667	21
47-71-0024	436823	117219	3	9	62	6	12,747	508	305	4	17,987	3.8	681	4-68	40	800	25
47-71-0024	453518	118619	12	24	62	7	12,890	508	305	3	18,193	3.9	707	3-67	42	1119	40
47-71-0024	488120	118619	8	13	65	15	11,500	464	290	1	16,760	4.1	691	7-67	35	932	35
47-71-0024	482745	118619	2	15	65	15	11,500	464	300	1	13,440	4.1	545	7-67	35	681	24
47-71-0036	471226	130709	4	29	64	11	11,490	475	305	2	16,450	3.7	615	5-67	36	771	19
47-71-0036	462889	130709	1	27	64	11	11,490	475	305	2	15,180	4.1	616	5-67	36	633	20
48-08-0035	499294	141907	1	12	66	6	14,220	597	305	1	22,310	3.8	858	3-68	23	1030	33
48-08-0035	483385	141907	1	6	65	18	12,850	499	300	1	17,120	3.6	616	6-67	23	672	20
48-08-0035	486108	128335	4	5	65	8	14,500	571	305	2	22,100	4.5	994	4-68	37	974	54
48-08-0035	499293	141907	1	11	66	6	14,220	597	305	1	20,010	3.9	789	3-68	23	822	27
48-14-9010	479290	140390	10	15	64	34	13,800	569	295	1	20,150	4.0	813	9-67	24	895	36
48-20-0062	496509	144789	4	16	64	8	9,230	387	305	1	15,140	4.2	631	8-67	22	732	30
48-20-0062	496506	144789	5	4	64	8	9,230	387	293	1	14,530	4.0	586	8-67	22	677	26
48-20-0062	496502	144789	8	20	65	7	9,050	375	305	1	15,730	3.7	578	12-67	22	801	26
48-20-0062	496511	144789	8	11	64	9	9,010	379	284	1	13,010	4.4	566	9-67	22	556	24
48-26-0013	439502	132436	9	4	61	5	8,944	379	299	5	13,518	4.1	552	10-67	36	741	29
48-26-0013	439501	132436	9	18	61	5	9,052	386	305	4	12,615	4.1	523	10-67	35	573	23
48-34-9026	430321	119405	1	11	62	19	11,030	423	304	3	16,420	4.0	656	6-67	37	514	27
48-34-9026	460557	118619	11	2	63	20	11,265	452	305	2	11,420	4.5	517	6-67	40	515	23
48-34-9026	455401	118619	8	1	63	20	11,265	452	305	2	15,300	3.9	600	6-67	40	911	32
48-34-9026	494639	128335	1	14	66	5	12,430	471	293	1	17,420	4.7	822	3-68	33	546	36
48-34-9045	477815	118619	8	3	64	7	11,780	457	284	1	16,840	4.3	716	5-67	35	919	37
48-34-9045	478576	140390	7	4	64	21	11,720	460	305	2	18,060	3.9	712	10-67	30	1044	42
48-44-9163	460249	139161	9	26	63	8	13,430	538	305	3	18,100	4.5	815	1-68	33	611	42
48-71-0056	465323	118619	11	16	63	5	10,825	443	302	2	11,905	4.7	562	10-66	40	605	29
48-71-0056	494432	128335	2	5	66	5	11,970	492	305	1	17,560	3.8	670	3-68	33	590	23
48-71-0057	488727	118619	11	11	61	5	10,170	410	305	1	16,370	3.7	604	6-67	35	993	32
48-82-0012	462221	118619	9	13	63	7	10,680	434	305	1	13,230	4.0	524	7-67	35	721	24
48-84-0029	448444	137510	11	4	62	15	11,836	454	305	3	15,673	3.8	591	4-68	32	585	20
48-92-0078	460540	134774	5	23	63	9	12,283	530	303	3	18,540	3.7	690	11-67	33	1096	29
48-99-9040	433700	134339	1	8	62	14	9,530	379	302	4	13,890	4.4	618	1-68	33	603	34
51-04-0140	380117	107999	11	12	58	11	10,733	432	302	6	15,225	3.4	513	1-68	42	887	15
51-04-0140	393396	107999	8	21	59	9	11,443	454	305	6	13,886	4.1	572	2-68	42	619	20

TABLE 7.—HIGH-RANKING PROGENY OF DHIA SIRE: BROWN SWISS—Continued

COW'S LAST HERD CODE	COW'S REGISTRATION NO.	COW'S SIRE REGISTRATION NO.	COW'S BIRTH DATE (Mo.) (Day) (Yr.)	HERDMATES			AVERAGE PRODUCTION OF COW				LAST CALVING (Mo.) (Yr.)		REPEAT- ABILITY (Pct.)	COW INDEX	
				NUM- BER	MILK (Lb.)	FAT (Lb.)	IN MILK (Days)	REC- ORDS	MILK (Lb.)	FAT (Pct.)				MILK	FAT
51-05-9132	441657	137095	6 10 62	34	11,880	506	305	4	15,740	4.3	669	10-67	35	581	28
52-29-0040	446270	114431	9 24 62	27	13,580	560	305	2	16,825	4.1	685	6-67	31	549	21
52-29-0040	468424	114431	1 1 64	29	13,910	571	305	2	18,415	4.1	750	12-67	31	701	28
52-29-0040	450742	114431	10 20 62	28	13,526	551	305	3	17,586	3.8	660	9-67	34	699	21
52-29-0040	411213	114431	7 18 60	28	13,304	542	305	5	17,508	4.0	704	11-67	36	775	30
52-29-0040	391434	114431	3 7 59	27	12,965	530	304	6	15,588	4.2	651	11-67	36	537	24
52-82-0080	410584	124652	9 2 60	10	14,643	595	305	3	25,990	4.0	1032	11-67	42	1321	52
52-82-0080	404729	124652	5 27 60	6	13,952	548	305	5	18,314	4.0	733	4-68	44	564	25
52-82-0080	458218	124652	7 19 63	9	14,866	601	302	3	25,426	3.8	962	11-67	42	1232	43
55-18-0010	452111	125472	2 22 63	9	9,415	369	293	2	13,365	4.2	567	11-66	40	568	23
55-18-0026	473607	126555	7 10 64	16	13,400	558	286	1	16,730	3.9	659	8-67	34	743	22
55-28-0033	407616	125640	5 16 60	6	11,886	499	295	5	13,646	4.1	562	8-67	41	627	29
55-43-0020	477820	126555	12 15 64	7	13,475	535	305	2	15,460	4.0	619	1-68	38	667	22
55-43-0020	489500	126555	10 6 65	6	13,830	563	285	1	17,930	3.6	639	1-68	34	805	20
55-43-0020	489501	126555	10 25 65	6	13,830	563	305	1	18,660	3.6	675	1-68	34	861	23
55-43-0020	485347	126555	3 1 65	6	13,100	552	305	1	16,150	3.8	609	11-67	34	719	19
56-38-0053	491352	136140	12 18 65	38	11,300	451	304	1	16,910	3.6	615	2-68	34	888	15
56-38-0053	491348	136140	1 8 66	42	10,270	417	305	1	13,890	3.7	519	12-67	34	727	10
56-38-0053	429769	132658	12 4 61	25	11,053	424	305	3	18,313	3.6	653	8-67	32	1026	31
56-38-0053	467341	142213	4 5 64	33	10,325	397	305	2	14,880	3.9	573	9-67	29	546	21
56-41-0041	407285	121816	9 7 60	9	13,706	513	305	5	19,088	3.5	675	9-67	44	753	26
57-53-0512	456165	137512	11 13 62	5	12,960	509	305	2	16,710	3.9	660	4-68	30	519	21
57-53-0512	457986	139037	9 26 63	13	12,055	481	305	2	18,555	3.7	679	8-67	28	837	26
57-56-0506	456550	140167	7 6 63	27	15,036	578	297	3	19,310	3.9	758	11-67	33	685	27
57-56-0507	491160	123323	6 24 65	8	11,640	441	305	1	16,620	3.5	581	7-67	35	828	21
57-56-0507	505238	136140	11 8 65	12	12,390	481	305	1	16,770	3.2	542	11-67	34	793	7
57-56-0507	398993	123323	9 21 59	9	12,630	474	297	6	16,170	3.3	532	12-67	43	864	17
57-76-0505	462958	126555	8 10 63	9	10,980	450	301	2	13,115	4.3	561	6-67	38	656	24
57-76-0505	462956	126555	7 4 63	8	12,535	469	305	2	17,145	3.8	658	12-67	38	931	32
61-28-0045	404471	123323	1 22 60	9	11,136	465	302	5	14,302	3.7	536	11-67	43	795	18
61-30-0023	468443	115176	6 12 63	21	11,493	462	303	3	16,473	3.7	602	12-67	40	712	23
61-30-0023	453789	115176	5 27 63	14	11,610	470	305	3	16,496	3.7	612	4-68	40	702	24
61-33-0021	483546	141911	3 1 65	14	12,170	471	278	1	16,660	4.2	707	9-67	23	548	26
61-40-0021	472421	139597	10 28 64	16	8,720	334	286	2	13,610	3.8	512	11-67	34	579	23
63-28-0012	435802	98386	5 1 62	5	11,342	446	303	4	14,807	3.8	557	11-67	40	700	26
63-28-0012	435801	98386	1 20 61	5	12,110	482	305	3	17,466	3.8	668	7-67	39	918	35
63-28-0012	412462	98386	8 8 60	5	11,972	464	305	4	17,245	3.9	664	11-67	40	944	38
63-28-0012	397479	98386	1 11 60	5	12,262	472	305	4	14,497	4.1	601	2-68	40	552	28
63-28-0012	344508	109954	11 23 56	5	13,475	527	300	4	17,127	3.8	647	4-68	38	702	23
63-32-1006	451985	98386	6 12 63	6	13,666	527	269	3	16,126	3.7	598	1-68	39	584	22
63-43-0001	423229	107999	3 20 61	10	15,504	628	295	5	18,390	3.9	718	9-67	42	734	19
63-43-0001	444301	109954	7 13 62	10	16,047	644	304	4	18,890	3.9	744	1-68	38	628	21
64-51-0101	430507	123323	10 22 61	20	10,885	444	305	2	13,795	4.0	558	9-67	39	711	22
73-36-0027	429951	118619	12 22 61	8	10,080	414	296	3	13,113	3.6	473	9-66	42	821	22
73-36-0027	458318	140390	12 7 63	13	8,683	353	275	3	11,196	4.0	449	11-67	33	571	23

73-36-0027	438425	118619	6 8 62	10	10,723	450	280	3	12,396	4.0	490	10-66	42	670	21
73-37-0023	484405	136140	3 9 65	6	16,065	674	305	2	20,355	4.0	822	3-68	38	922	19
73-49-0010	431511	135487	6 15 61	20	14,752	578	302	4	18,192	3.6	663	10-67	37	793	21
73-49-0010	114123	114123	4 25 60	18	14,016	545	305	5	18,880	3.9	729	7-67	44	581	24
73-74-9012	422867	135099	2 15 61	40	12,570	488	300	5	15,884	4.1	655	2-68	36	652	30
73-74-9012	439374	135099	3 7 62	31	11,336	446	298	3	16,280	3.7	608	9-67	33	808	26
81-50-9576	459440	140427	9 13 63	13	14,420	595	305	2	20,025	4.2	842	4-69	29	801	37
81-50-9576	489329	140427	8 19 65	13	14,840	594	305	1	19,030	4.2	806	3-68	23	507	26
81-50-9576	410659	118619	11 4 60	15	11,225	475	275	4	13,500	4.1	548	9-66	43	753	25
82-49-0165	379636	123323	12 21 58	9	11,154	463	305	5	16,828	3.6	598	11-67	43	1125	27
82-49-0165	430543	110030	9 9 61	8	13,246	566	297	3	16,910	4.1	689	12-67	36	721	24
84-03-9224	483690	143531	1 11 64	22	11,285	484	305	2	15,010	4.3	638	6-67	28	600	26
84-03-9224	474300	139283	8 12 64	22	10,930	456	305	1	15,390	4.3	661	4-67	24	520	25
84-03-9224	440110	132966	12 7 60	22	11,152	473	301	5	15,856	3.7	590	2-68	36	735	20
84-06-9072	453744	135434	7 2 62	6	14,325	595	305	4	19,480	3.7	727	12-67	35	832	25
84-07-9064	443033	132349	7 10 62	16	13,763	560	285	3	17,020	4.3	737	2-68	32	551	29
84-07-9064	432148	118619	12 18 61	20	12,180	495	293	3	13,746	4.2	575	1-67	42	675	26
84-07-9064	488388	132349	7 2 65	12	13,740	569	295	2	13,765	4.2	833	3-68	29	836	37
84-08-0056	495386	141632	4 7 66	20	13,840	550	305	1	19,780	3.8	756	2-68	23	780	25
84-08-0056	429468	134804	7 8 61	14	13,342	567	305	4	17,557	4.2	741	12-67	33	656	27
84-37-9012	396385	85732	7 26 59	9	13,000	538	301	3	16,643	4.2	694	3-68	35	580	27
91-50-0007	422066	132294	1 15 61	18	13,596	548	302	5	17,530	3.9	685	10-67	35	781	27
91-50-0007	474174	135681	10 16 64	11	13,180	543	305	1	18,850	3.5	659	8-67	28	913	26
91-50-0007	474173	135681	10 21 64	11	13,180	543	305	1	16,360	4.2	683	8-67	28	702	28
91-54-0069	517731	131528	4 22 65	7	14,290	582	305	1	19,810	3.9	763	8-67	31	557	22
91-70-5027	491390	136570	3 14 65	21	12,300	474	305	1	18,170	3.7	666	12-67	23	759	31
91-70-5027	448346	135099	10 13 62	55	13,493	548	305	3	19,226	3.9	744	2-68	33	941	32
91-70-5027	469928	136570	3 14 64	14	12,535	510	305	2	15,230	4.7	715	11-67	29	540	38
91-70-5027	458503	136570	11 11 63	10	12,700	513	305	2	15,750	4.0	626	12-67	29	562	26
91-74-0143	469821	125472	5 6 64	7	14,330	567	305	1	21,290	3.6	772	8-67	35	746	20
91-74-0143	452914	135602	6 5 63	8	16,380	623	305	1	21,940	3.9	845	9-67	24	631	22
92-03-0048	470494	131221	11 28 62	29	12,780	521	305	1	20,380	3.7	759	1-68	26	878	28
92-03-0048	486163	131221	1 2 64	32	13,200	529	302	1	19,400	3.6	698	10-67	26	689	20
92-05-5026	458225	136022	9 9 62	74	13,293	548	305	3	17,123	3.9	675	12-67	32	596	22
92-05-5026	475424	138719	12 22 64	98	14,095	579	305	2	18,455	4.0	737	3-68	29	552	21
92-05-5026	440077	135099	11 22 61	70	12,662	518	303	4	16,685	4.1	685	12-67	35	739	29
92-05-5026	474741	140023	7 18 64	77	12,880	525	305	1	18,790	4.1	770	6-67	23	707	28
92-05-5026	440076	132499	9 22 61	71	12,463	501	298	3	16,966	4.0	682	9-67	33	696	28
92-05-5026	458225	140023	7 21 63	74	13,356	547	305	3	17,663	4.1	721	2-68	33	717	30
92-05-5026	423696	135099	4 8 61	78	12,043	481	305	3	16,203	3.9	639	8-67	33	713	26
92-05-5026	409235	132499	11 23 59	75	12,562	507	305	4	15,850	4.0	629	2-68	35	565	21
92-05-5026	417914	132499	1 15 61	65	12,850	519	305	4	17,980	3.9	704	4-68	35	833	30
92-16-0109	475627	142817	4 9 64	23	15,575	615	305	2	21,310	3.9	829	12-67	28	782	30
92-16-0109	492943	142817	8 27 65	7	14,750	602	305	1	20,660	3.9	812	8-67	22	628	24
92-23-0100	480826	135681	12 6 64	7	12,380	459	305	1	17,440	3.8	656	1-68	28	765	30

TABLE 7.—HIGH-RANKING PROGENY OF DHIA SIRE: BROWN SWISS—Continued

COW'S LAST HERD CODE	COW'S REGISTRATION NO.	COW'S SIRE REGISTRATION NO.	COW'S BIRTH DATE (Mo.) (Day) (Yr.)	HERDMATES		AVERAGE PRODUCTION OF COW					LAST CALVING		REPEAT- ABILITY (Pct.)	COW INDEX	
				NUM- BER	MILK (Lb.)	FAT (Lb.)	IN MILK (Days)	REC- ORDS	MILK (Lb.)	FAT (Pct.)	FAT (Lb.)	(Mo.) (Yr.)		CAR	MILK
92-24-0033	472499	135681	7 5 64	6	9,915	409	294	2	11,445	4.5	520	8-67	33	546	27
93-10-9286	471238	135681	9 22 64	7	16,410	643	292	1	20,390	3.8	784	7-67	28	797	29
93-10-9286	481642	143430	5 2 65	13	15,300	581	299	1	19,710	4.3	840	11-67	22	581	28
93-19-9303	431913	122242	12 24 61	13	14,302	571	305	4	16,445	4.3	702	10-67	37	529	25
93-50-9598	450488	137469	1 28 63	31	14,465	607	304	4	17,585	4.3	753	3-68	35	536	26
93-50-9598	420937	134206	5 21 61	28	13,875	582	305	4	16,452	4.3	703	12-66	35	545	28
93-50-9598	420939	134206	3 16 61	25	13,214	558	305	5	16,782	4.0	672	7-67	36	698	28
93-50-9598	420938	134206	2 12 61	25	13,658	571	305	5	16,348	4.4	717	6-67	36	574	33

TABLE 8.—HIGH-RANKING PROGENY OF DHIA SIRE: MILKING SHORTHORN

COW'S LAST HERD CODE	COW'S REGISTRATION NO.	COW'S SIRE REGISTRATION NO.	COW'S BIRTH DATE (Mo.) (Day) (Yr.)	HERDMATES			AVERAGE PRODUCTION OF COW				LAST CALVING		REPEAT- ABILITY (Pct.)	COW INDEX	
				NUM- BER	MILK (Lb.)	FAT (Lb.)	IN MILK (Days)	REC- ORDS	MILK (Lb.)	FAT (Pct.)	(Mo.) (Yr.)	CAR		MILK	FAT
32-30-9104	306949	79581	3 31 63	6	9,253	321	278	3	9,960	3.5	10-67		37	295	16

TABLE 9.--LIST OF HERD OWNERS

HERD CODE	NAME OF OWNER	STREET-ROUTE	TOWN	ADDRESS OF OWNER	ZIP-CODE	STATE
11-10-9001	ADDITON, ERNEST			GREEN	04236	ME
11-10-0003	CENTURY ELM FARM INC. 1			LIVERMORE FALLS	04254	ME
11-10-9005	BRIGGS, H. C. AND SON	R F D 1		TURNER	04282	ME
11-10-0008	BRADFORD, ALBERT	R F D 1		TURNER	04282	ME
11-10-0011	HEMOND, ROLAND	R F D 2		MECHANIC FALLS	04256	ME
11-10-9013	KEENE, RAYMOND & MAURICE					
11-10-9028	CALDWELL, LAWRENCE	NORTH RIVER ROAD		AUBURN	04120	ME
11-10-0033	STEVENS, MRS. FAITH	R F D 1		TURNER	04282	ME
11-10-9038	TORREY, GLEN W.	R F D 1		TURNER	04282	ME
11-10-0042	BARKER, A. T. & SON	ROUTE 4 BOX 108		AUBURN	04210	ME
				NORTH LEEDS	04263	ME
11-10-9069	WATERMAN, ROBERT & DONALD					
11-10-0110	LOVEWELL, RAYMOND			SABATTUS	04280	ME
11-10-0167	BROWN, HAROLD	R F D 2		LIVERMORE FALLS	04254	ME
11-10-0170	LEAVETT FARMS 2	R F D 5		GARDINER	04345	ME
11-10-0187	CENTURY ELM FARM INC. 2	R D 2		NORTH TURNER	04282	ME
				LIVERMORE FALLS	04254	ME
11-10-9196	POLAND, DOUGLAS W.	RT 3 TURNER ROAD		AUBURN	04210	ME
11-11-0024	CORLISS AND SPLAN			SHERMAN MILLS	04776	ME
11-12-9007	BENSON, A. H. JR.	R F D 2		GORHAM	04038	ME
11-12-9008	BLACK, HENRY W.			WEST BALDWIN	04091	ME
11-12-0014	REFORMATORY FOR MEN	119 MALLISON STREE		SOUTH WINDHAM	04082	ME
11-12-9021	FLAGGY MEADOW FARM	ATT C E YOUNG R D		GORHAM	04038	ME
11-12-0022	SPRING BROOK FARM	GREELY ROAD		CUMBERLAND CENTER	04021	ME
11-12-0064	RATHERWICK JERSEYS	ROUTE 3		FREETPORT	04032	ME
11-12-0069	ESTES, DONALD T.	R F D 4		FREETPORT	04032	ME
11-12-0075	SHAW, DEWAYN	R F D 3 SHAW ROAD		GORHAM	04038	ME
11-13-0055	WACOME, ERVIN FARM 2	65 NORTH MAIN ST.		FARMINGTON	04938	ME
11-15-0008	AUGUSTA STATE HOSPITAL	FARM SUPT BOX 724		AUGUSTA	04301	ME
11-15-9009	CLEARVIEW FARMS	BOX 315		WINTHROP	04364	ME
11-15-0012	PRIME, RALPH	ROUTE 5		AUGUSTA	04301	ME
11-15-9018	QUIMBY, CECIL	ROUTE 4		AUGUSTA	04301	ME
11-15-9041	PINE HILL FARMS					
11-15-9078	CAVERLY, B. E. AND SONS	R F D 2		WATERVILLE	04900	ME
11-16-9006	HAGGETT, EBEN	R F D 1 BOX 95		WATERVILLE	04900	ME
11-16-0019	HALL, ALBERT C.	BEECHWOOD STREET		NEWCASTLE	04543	ME
11-16-9027	HAWES, SCHUYLER & SON			THOMASTON	04861	ME
				UNION	04862	ME
11-16-0052	PAULSEN, DONALD	ST GEORGE ROAD		THOMASTON	04861	ME
11-17-0001	BENNETT BROTHERS	R F D		BUCKFIELD	04220	ME
11-17-0006	ALLEN, W. HENRY			HEBRON	04238	ME
11-17-0012	CUMMINGS, ERWIN W.	R F D 1		SOUTH PARIS	04281	ME
11-17-0015	SHAW FARMS	R F D 1		SOUTH PARIS	04281	ME
11-17-0036	HOWARD, ARCHER AND SONS	R D 1		HARRISON	04040	ME
11-17-0080	MILLIGAN, SABON P.	STAR ROUTE		ROCHFORD POINT	04279	ME
11-18-9003	UNIVERSITY OF MAINE	ROGERS HALL		ORONA	04473	ME
11-18-9004	UNIVERSITY OF MAINE	ROGERS HALL		ORONO	04473	ME
11-18-0031	RACKLIFF, DAVID	R F D		HUDSON	04449	ME

TABLE 9.--LIST OF HERD OWNERS (CONTINUED)

HERD CODE	NAME OF OWNER	STREET-ROUTE	TOWN	ZIP-CODE	STATE
11-18-0050	PERRY, JOHN F. JR.	M R A	BANGOR	04401	ME
11-18-0060	VEAZIE, KENNETH	R F D 1	CORINNA	04928	ME
11-18-9066	BUTTERS, WARREN G.	R F D 1	EAST CORINTH	04427	ME
11-18-0067	EATON, LINWOOD	R D 1	BANGOR	04427	ME
11-18-0099	ROSELEDGE FARMS INC.			04401	ME
11-18-9125	GOODELL, ROGER N.	BOX 346 R D 2	BANGOR	04401	ME
11-18-0136	VARNUM, REX	R F D 2	DOVER-FOXCROFT	04426	ME
11-18-0209	RANDALL, DONALD	RFD EAST RIDGE ROA	CHARLESTON	04422	ME
11-20-0004	PRICE, EVERETT R.	R F D 1	SKOWHEGAN	04976	ME
11-20-0005	TOZIER, FRANK		FAIRFIELD	04937	ME
11-20-0010	HILTON, FRANKLIN C.	R F D	NORRIDGEWOCK	04957	ME
11-20-0017	PRIEST, ALBERT & WILLIAM	BOX 160 ROUTE 1	SKOWHEGAN	04976	ME
11-20-0052	SEVEY, LARGY L.	R F D	DEXTER	04930	ME
11-20-0065	SMITH, LYLE AND FRANCES	SANDY RIVER RD RFD	NORRIDGEWOCK	04957	ME
11-20-9066	WILLIAMS, HARVEY		NORTH ANSON	04958	ME
11-20-0077	EARLE, ROBERT AND SON	MALBON MILLS ROAD	SKOWHEGAN	04976	ME
11-20-0113	CHADBOURNE, ALMOND	R F D	HARMONY	04942	ME
11-20-0119	FRITH, MAYNARD	R F D	ATHENS	04912	ME
11-20-0140	SPIZUOCO, FRANK	R F D 3	DEXTER	04930	ME
11-21-9009	HURD, VAUGHN E.		THORNDIKE	04986	ME
11-21-0018	PIPER, SEAVY A. AND SON	R D 1	TROY	04987	ME
11-21-0037	WHITCOMB, COLBY	ROUTE 2	BELFAST	04915	ME
11-21-9048	HOLMES, J. S.	39 WATER STREET	BELFAST	04915	ME
11-21-0106	CRANELAND FARM	R D 1	THORNDIKE	04986	ME
11-23-9013	KENDRICK, F. CARROLL	R F D	BIDDEFORD	04005	ME
11-23-0021	BALLARD, DOUGLAS	BLACKBERRY HILL RD	BERWICK	03901	ME
11-23-0031	NOTRE DAME INSTITUTE		ALFRED	04002	ME
11-23-9036	SHAW, HAROLD J.	R F D	SANFORD	04073	ME
11-23-9048	CASSETTE, GERARD	BOOM RD	SACO	04072	ME
11-23-0051	ROCK EM WHIP FARM	R F D 2	LIMERICK	04048	ME
11-23-0063	SARGENT, G. AND F.		ELIOT	03903	ME
12-10-0106	SPAULDING YOUTH CENTER	DAIRY HERD	TILTON	03276	NH
12-10-9113	ROYAL MARK DAIRY, INC	R D 1	LACONIA	03246	NH
12-10-0116	LACONIA STATE SCHOOL		LACONIA	03246	NH
12-10-0140	KENNETT, CHARLES G.	R F D 3	LACONIA	03246	NH
12-11-9103	CRESCENT FARM	WENTWORTH RD	WALPOLE	03608	NH
12-11-0107	ALDRICH, J. KIRK	ROUTE 1 BOX 71	WESTMORELAND	03467	NH
12-11-0108	CHESHIRE COUNTY FARM		WESTMORELAND DEPO	03467	NH
12-11-0117	PELLONI, JOHN & SONS	RIVER ROAD	HINSDALE	03451	NH
12-11-9119	RICHARDSON, CHARLES T.	RICHARDSON ROAD	MARLBORO	03455	NH
12-11-9121	BARRETT, EVANS FM 2	SUMMIT ROAD	KEENE	03431	NH
12-11-9128	TENNY, MERTON AND SON	R F D 2	KEENE	03431	NH
12-11-0129	PLUMB, FRANCIS	MELLOW MEADOWS FM	WALPOLE	03608	NH
12-11-0152	BARWELL, WALTER JR.	R F D 2	KEENE	03431	NH
12-12-0112	MARTIN, MILLARD	R F D 1	LANCASTER	03584	NH

TABLE 9.--LIST OF HERD OWNERS (CONTINUED)

HERD CODE	NAME OF OWNER	STREET--ROUTE			ADDRESS OF OWNER		ZIP-CODE	STATE
					TOWN			
12-12-0115	ROGERS, WOODROW	SERENE ACRES			WHITEFIELD		03598	NH
12-12-0174	BANFILL, WINSTON	R F D			NORTH STRATFORD		03590	NH
12-13-9113	PATCH, WALLACE M. & SON	BOX 270			LEBANON		03766	NH
12-13-0116	TOWNSEND, NORMAN	STARRS HILL			LEBANON		03766	NH
12-13-9122	BARNEY, JOEL E.	ROUTE 1			PLYMOUTH		03264	NH
12-13-0124	STICKNEY, MORGAN A.	R F D 3			PLYMOUTH		03264	NH
12-13-0156	MCDANOLDS, ROE & RICHARD	BOX 13			NORTH HAVERHILL		03774	NH
12-13-0174	DENNIS, RALPH				ORFORD		03777	NH
12-13-0180	CASTELLO, LUIGI J.				WOODSVILLE		03785	NH
12-13-9181	WARD, LINFIELD				MONROE		03771	NH
12-13-9194	ROBIE, FREEMAN	R F D			PIERMONT		03779	NH
12-13-0200	WARD, H. NORMAN				MONROE		03771	NH
12-13-0201	BIRCHBROOK FARM	R F D			LISBON		03585	NH
12-13-0205	RECORD, WALTER L.				LYME		03768	NH
12-13-0206	THAYER, ORMAN AND SONS	R F D			NORTH HAVERHILL		03774	NH
12-13-0210	TULLAR, GEORGE				ORFORD		03777	NH
12-14-0140	LACHUT, ERVIN R.	RFD 2			HILLSBORO		03244	NH
12-14-9142	WELCH ACRES	R D			GOFFSTOWN		03045	NH
12-14-9143	PRINCE, J. AND D.				FRANCESTOWN		03043	NH
12-14-0146	ZOLKOS, CHARLES				PELHAM		03076	NH
12-14-9150	CHESTNUT RIDGE FARM				AMHERST		03031	NH
12-14-9158	GREAT MEADOWS FARM	HERSEY FARM			NEW BOSTON		03070	NH
12-14-0166	RICHARDS, ROLAND	BUCK ST			MT VERNON		03057	NH
12-15-0115	GRIMES, STANLEY F.	R F D 1			SUNCOOK		03275	NH
12-15-0116	BACHELDER, ALVIN				PITTSFIELD		03263	NH
12-15-0118	SMITH, R. P. AND G. B.				LOUDON		03300	NH
12-15-9119	RICHARD, A. J. AND SON	R F D 1			SUNCOOK		03275	NH
12-15-0150	NELSON, STANLEY	STONEWICK FARM			CONTOOCCOOK		03229	NH
12-15-0151	MORRILL, JOHN H. AND SON	31 PENACOOK STREET			PENACOOK		03303	NH
12-15-0163	BARTLETT, STANLEY	R F D 8			CONCORD		03300	NH
12-15-0169	KIMBALL, LLOYD	R F D 2			PITTSFIELD		03263	NH
12-15-0177	ELLIOTT, EARL	R. F. D. 1			PITTSFIELD		03263	NH
12-15-0188	MESSER, PETER	KING HILL FARM			NEW LONDON		03257	NH
12-15-0191	COLBY, JAMES F.	HIGH STREET			BOSCAMEN		03301	NH
12-16-0101	BURWELL, CHARLES	HAMPTON FALLS RD			EXETER		03833	NH
12-16-9103	ROCKCO COUNTY HOME				EPPING		03042	NH
12-16-9112	HOOD FARM 2	HOLSTEIN HERD			DERRY		03038	NH
12-16-0115	BASSETT, GEORGE A.				FREMONT		03044	NH
12-16-0131	BODWELL, H. AND SONS				EAST KINGSTON		03827	NH
12-16-9161	PERRY, MARK R.	R F D 2			EXETER		03833	NH
12-16-0171	STRATHAM FARMS INC.	WINNICUT ROAD			STRATHAM		03840	NH
12-17-9113	STILES, W. G. AND SONS	CENTER STRAFFORD			STAFFORD		03884	NH
12-17-9133	BOOTH, RALPH D.	R F D 2			DOVER		03820	NH
12-17-9135	UNIV OF NEW HAMPSHIRE	ATT DR HILTONBOYNT			DURHAM		03824	NH
12-17-9140	UNIV OF NEW HAMPSHIRE	ATT DR H BOYNTON			DURHAM		03824	NH

TABLE 9.--LIST OF HERD OWNERS (CONTINUED)

HERD CODE	NAME OF OWNER	STREET-ROUTE	TOWN	ZIP-CODE	STATE
12-17-9145	SCRUTONS DAIRY FARM 1	R F D 2	ROCHESTER	03867	NH
12-18-9106	BASCOM, HARVEY	GRAYDAWN FARM	ALSTEAD	03602	NH
12-18-0108	BASCOM, HORACE	HENLOCK ROAD	CHARLESTOWN	03603	NH
12-18-9113	HOLMES, GEORGE AND ROYAL	R F D	ALSTEAD	03602	NH
12-18-0149	MERRELL, KENNETH		ALSTEAD	03602	NH
12-18-0159	PUTMAN, ETHEL & SONS		CHARLESTOWN	03603	NH
12-18-9178	MERRELL, DANA		ALSTEAD	03602	NH
12-18-0181	GELEMSKY, STANLEY		CHARLESTOWN	03603	NH
13-01-0002	HOAG, WALTER J.	R F D 2	BRISTOL	05443	VT
13-01-9022	FORD, ROBERT R.	FORDHAVEN FARM RFD	NEW HAVEN	05472	VT
13-01-0128	LADUKE, KENNETH A.	R F D	ORWELL	05760	VT
13-01-9137	BLAKELY, DONALD	R F D 1	ORWELL	05760	VT
13-01-0144	BARNES, EDWARD	R D 1	VERGENNES	05491	VT
13-01-9146	BROWN, GORDON	R D 2	BRANDON	05733	VT
13-01-0202	AUDET, LEANDRE		ORWELL	05760	VT
13-01-9203	AUDET, MAGLOIRE		ORWELL	05760	VT
13-01-9212	SCAPELAND FARM		WHITING	05778	VT
13-01-0214	DUBOIS GEORGE & MADELEIN		SHOREHAM	05770	VT
13-01-9223	HAGGERTY, FRANCIS		ORWELL	05760	VT
13-01-9226	LOIZEAUX, RICHARD C.	GREENRANGE FARM	WHITING	05778	VT
13-01-9261	MAC LAREN, MRS. ANNE	R D	BENSON	05731	VT
13-01-0308	ELMWOOD FARMS		NEW HAVEN	05472	VT
13-01-0312	HIGHTER, ROBERT C.		MIDDLEBURY	05753	VT
13-01-0313	JACKSON, DEAN & ALBERTA	R D	VERGENNES	05491	VT
13-01-9323	SHERMAN, ROBERT P. JR.		NEW HAVEN	05472	VT
13-01-0331	BURNHAM, D. E. & SON		VERGENNES	05491	VT
13-01-9406	CLARK, ERWIN A.	R F D 1	VERGENNES	05491	VT
13-01-0407	EASTER, ROLAND	R F D 3	VERGENNES	05491	VT
13-01-0410	HALLOCK, K. B. AND D. W.	AIRYMEAD FARM	VERGENNES	05491	VT
13-01-9411	HOWLETT, C. H. AND T. C.	R F D	BRIDPORT	05734	VT
13-01-0417	PAYNE, E. B. AND I. F.	R F D	BRIDPORT	05734	VT
13-01-0418	PRATT, A. S. AND SON		VERGENNES	05491	VT
13-01-9428	WOOD, ROLAND		BRIDPORT	05734	VT
13-01-0534	PURINTON, ROBERT FARM 1		BRISTOL	05443	VT
13-01-9543	WEEKS SCHOOL		VERGENNES	05491	VT
13-01-0563	ATKINS, ROLLIN		FERRISBURG	05456	VT
13-01-0601	BEDFORD, H. WARD	RD 2	MIDDLEBURY	05753	VT
13-01-0808	LARRABEE, W. C. AND V. S.		SHOREHAM	05770	VT
13-01-0827	QUESNEL, VICTOR		WHITING	05778	VT
13-01-0907	DEERWOOD FARM	ROUTE 125	BRIDPORT	05734	VT
13-01-0920	TORREY, MERTON	R D 1	VERGENNES	05491	VT
13-02-0012	FAIRDALE FARM 2 INC.	WEST ROAD	BENNINGTON	05201	VT
13-02-9021	HEWITT, MERRITT S. JR.		NORTH BENNINGTON	05257	VT
13-02-0034	VAUGHN, MILLARD	R F D 1	ARLINGTON	05250	VT
13-02-9041	POLYMEADOWS FARM		SOUTH SHAFTSBURY	05262	VT

TABLE 9.--LIST OF HERD OWNERS(CONTINUED)

HERD CODE	NAME OF OWNER	STREET--ROUTE	ADDRESS OF OWNER TOWN	ZIP--CODE	STATE
13-02-9071	KELLY, JOHN T.	R F D 1	EAGLE BRIDGE	12057	NY
13-02-0085	FAIRDALE FARM 1 INC	WEST ROAD	BENNINGTON	05201	VT
13-02-0088	WATKIN, KEITH & SONS	WEST ROAD	BENNINGTON	05201	VT
13-02-0091	FLYNN, ROBERT	R F D 2	NORTH BENNINGTON	05257	VT
13-02-0099	ZECHER, I. STANFORD JR.	R F D	EAST DORSET	05253	VT
13-02-9105	STEELE, HENRY & JOHN		PAWLET	05761	VT
13-03-9027	BEAN, LEO	R F D 4	SAINT JOHNSBURY	05819	VT
13-03-9053	SIMPSON, DONALD		SUTTON	05867	VT
13-03-9058	HALL, FOREST	BOX 19 R F D 1	GLOVER	05839	VT
13-03-9120	RICKER, GEORGE		GROTON	05046	VT
13-03-0223	PEARL, MERWYN		BARNET	05821	VT
13-03-9331	WARD, KENNETH E.	R F D	SAINT JOHNSBURY	05819	VT
13-03-0342	HOBART, FRED		DANVILLE	05828	VT
13-04-0008	HEINS, JOHN	R F D 2	BURLINGTON	05401	VT
13-04-0031	SWEENEY, RUSSELL	RAILROAD STREET	MILTON	05468	VT
13-04-9115	SHELburne FARMS		SHELburne	05482	VT
13-04-0119	VARNEY, HARRY	R F D	CHARLOTTE	05445	VT
13-04-9154	BERARD FARM 1	101 ETHAN ALLEN RD	SO. BURLINGTON	05401	VT
13-04-0158	MOULTON, CLARK		COLCHESTER	05446	VT
13-04-0203	BUSHEY BROTHERS FARM 1	R F D 1	ESSEX JUNCTION	05452	VT
13-04-0204	CHAPMAN, MARVIN	R F D	WILLISTON	05495	VT
13-04-0206	CONANT, RANDY	R F D	RICHMOND	05477	VT
13-04-0406	PILLSBURY, KENNETH W	R F D	HUNTINGTON	05462	VT
13-04-0449	DIKE, HENRY		NORTH FERRISBURG	05473	VT
13-04-9503	VT AG EXP STA FITSIMONS	DAIRY BUILDING U V	BURLINGTON	05401	VT
13-06-9109	GUAY, BERNARD	RD 3	SAINT ALBANS	05478	VT
13-06-0111	HUBBARD, GEORGE F.	R D 1	SAINT ALBANS	05478	VT
13-06-0130	DUNSMORE, DR. MURRAY	R D 1	SWANTON	05488	VT
13-06-0399	CARPENTER, JOHN & BETTY	R D	ENOSBURG FALLS	05450	VT
13-06-0455	SWEET, ERNEST & CATHERIN	R F D	EAST FAIRFIELD	05448	VT
13-06-0476	MAYOTTE, DAVID & BARBARA	R F D 2	EAST FAIRFIELD	05448	VT
13-06-0492	GASTON, BEGNOCHIE		MONTGOMERY CENTER	05471	VT
13-08-0012	JONES, ROBERT	R D	HYDE PARK	05655	VT
13-08-0022	WARE, JOHN		STONE	05672	VT
13-08-0051	HUNT, WILBUR & VICTOR		JEFFERSONVILLE	05464	VT
13-08-0052	MOWRY, LEWIS		MORRISVILLE	05661	VT
13-08-9053	TRASK, FREDERICK JR.		CAMBRIDGE	05444	VT
13-09-0003	BUTTON, ARTHUR		CHELSEA	05038	VT
13-09-9005	HOWE, JAMES K. & SON	ATT C J HOWE	TUNBRIDGE	05077	VT
13-09-9007	HOWE, MARK A.		TUNBRIDGE	05077	VT
13-09-0008	HOWE, SYLVESTER		TUNBRIDGE	05077	VT
13-09-9010	HUTCHINSON FARM		TUNBRIDGE	05077	VT
13-09-9013	TUCKER, ROBERT		TUNBRIDGE	05077	VT
13-09-0116	PAGE, SEWELL		SOUTH NEWBURY	05066	VT
13-09-0121	WHITNEY, C & M	SPRING ROAD	TUNBRIDGE	05077	VT

TABLE 9.--LIST OF HERD OWNERS (CONTINUED)

HERD CODE	NAME OF OWNER	STREET-ROUTE	TOWN	ZIP-CODE	STATE
13-09-0130	CHASE, CLARENCE	BROCKLEBANK FM RFD	TUNBRIDGE	05077	VT
13-09-0134	STOCKING, DONALD	R F D	FAIRLEE	05045	VT
13-09-0139	SANDERS, CLIFTON B.	R F D	RANDOLPH	05060	VT
13-09-0148	BROWN, FRANK H. JR.	R F D 1	RANDOLPH	05033	VT
13-09-0162	APPLETON, K. W. & SONS	FARM 2	BRADFORD	05033	VT
13-09-9201	AVERY, ALBERT S.		WEST TOPSHAM	05086	VT
13-09-9203	BLODGETT, PUTNAM W.	R F D 1	BRADFORD	05033	VT
13-09-0221	STRYKER, B. W. AND C. D.		EAST CORINTH	05040	VT
13-09-9224	TYLER FARMS		WEST NEWBURY	05085	VT
13-09-0252	SUNSET HILL FM2 DCSTEVEN	TERRACE ROAD R D 1	WELLS RIVER	05081	VT
13-09-9258	APPLETON, K. W. AND SONS	FARM 1	EAST CORINTH	05040	VT
13-09-0305	GEORGE, GORDEN	R F D 1	ELY	05044	VT
13-09-9311	MALLARY FARM	R D 1	BRADFORD	05033	VT
13-09-0324	HYDE, ARTHUR L.		BRADFORD	05033	VT
13-09-0325	PALMER, A. M.	BOX 66	NORTH THETFORD	05054	VT
13-09-0409	EDWARDS, A. & SONS		CHELSEA	05038	VT
13-09-0420	SLACK, CHARLES & PAULINE	RFD 2	RANDOLPH CENTER	05061	VT
13-09-9427	PINEVILLE FARM	R F D	RANDOLPH CENTER	05061	VT
13-09-9517	NEEDLES EYE FARM		TUNBRIDGE	05077	VT
13-09-9532	RUSSELL, S. F. AND P. C.		TUNBRIDGE	05077	VT
13-09-0713	LITTLE, FABIAN	R F D 2	WILLIAMSTOWN	05679	VT
13-09-0737	BRAINSTORM FARM	R F D 2	RANDOLPH	05060	VT
13-09-9747	CAMP, LAWRENCE G.		EAST RANDOLPH	05041	VT
13-09-9802	CHURCHILL, ROBERT	R F D	BROOKFIELD	05036	VT
13-09-0805	DROWN, KENNETH		RANDOLPH CENTER	05061	VT
13-09-9808	MONTYS RANCH	R F D 1	RANDOLPH	05060	VT
13-09-9811	VERMONT TECH COLLEGE		RANDOLPH CENTER	05061	VT
13-09-0816	FLINT, GRANT AND SONS	R F D 2	RANDOLPH	05060	VT
13-09-0817	DROWN, ARTHUR		WASHINGTON	05675	VT
13-10-9004	DURGIN, HARRY F.	SUNSET DRIVE R F D	WEST CHARLESTON	05872	VT
13-10-9009	JORDAN, DR. C. A.		MORGAN CENTER	05854	VT
13-10-9027	PETIT, LAURIER AND SON	R F D 2	NEWPORT	05855	VT
13-10-9035	CHAMBERLIN, RUPERT	R F D	BARTON	05822	VT
13-10-0036	DUNBAR, HERBERT & SON		EAST CRAFTSBURY	05835	VT
13-10-0040	POULIN, GASTON		NORTH TROY	05859	VT
13-10-0042	WHEELER, MELVIN & IRENE	JAYVIEW FARM R D 1	NORTH TROY	05859	VT
13-10-9049	NELSON, DOUGLAS	R D 2	NEWPORT	05855	VT
13-10-0307	MAXWELL, MAURICE & LOIS	R D 1	NEWPORT	05855	VT
13-10-9315	DAIGLE, YVES AND HILDA		WESTFIELD	05874	VT
13-10-9321	PETIT, ROBERT	R D 2	NEWPORT	05855	VT
13-10-0341	ELY, EDWARD & THELMA		EAST CHARLESTON	05833	VT
13-10-9350	LEBLANC, B. AND M.	BURTON HILL FARM	BARTON	05822	VT
13-10-0351	MAXWELL, ALE	R D 1	BARTON	05822	VT
13-11-0104	BRANDON TRAINING SCHOOL	R D 2	BRANDON	05733	VT
13-11-0107	CONGDON BROTHERS		NORTH CLARENDON	05759	VT

TABLE 9.--LIST OF HERD OWNERS (CONTINUED)

HERD CODE	NAME OF OWNER	STREET--ROUTE	TOWN	ADDRESS OF OWNER	ZIP--CODE	STATE
13-11-0116	PRATT BROTHERS					
13-11-9132	KIMBALL, DEXTER	OLD TOWN FRM RD RD	NORTH CLARENDON		05759	VT
13-11-9203	DAVENPORT, JAMES & SON	R F D	BRANDON		05733	VT
13-11-0204	DAVISON AND BARTLETT	R F D 1	WALLINGFORD		05773	VT
13-11-9217	STAFFORD, FRANK & VIRGINIA	R F D	WALLINGFORD		05773	VT
13-11-9245	HEPBURN, FREDERICK O.	R F D 1	WALLINGFORD		05773	VT
13-11-0317	PARKER, ELUID		SOUTH GRANVILLE		12832	NY
13-11-0324	PARKER, ELON		GRANVILLE		12832	NY
13-11-0331	WHEELER BROTHERS	R F D	PITTSFORD		05763	VT
13-11-0337	SHOKEY HOUSE FARM		DANBY		05739	VT
13-11-0389	WY-RO MAPLE LANE FARMS		MIDDLETOWN SPRING		05757	VT
13-11-0402	BUXTON, HENRY		MIDDLETOWN SPRING		05757	VT
13-11-0406	PURPLE DELL FARM	ATT L MASHAK BOX 2	FAIR HAVEN		05743	VT
13-11-0429	AYERS, EDSON	R F D	WHITEHALL		12887	NY
13-11-0436	PERRY, WALTER C.		HAMPTON		12837	NY
13-11-0438	MCGANN, ROY	RD 1	POULTNEY		05764	VT
13-12-9013	MAYNARD, EVERETT C.	R F D 1	MORETOWN		05660	VT
13-12-0021	TURNER, ALBERT J.	STAR ROUTE	WATTSFIELD		05673	VT
13-12-0108	DODGE, GEORGE	R F D 3	BARRE		05641	VT
13-12-9110	FARNHAM, CARROLL		PLAINFIELD		05667	VT
13-12-0114	MOLLY BROOK FARMS		WEST DANVILLE		05873	VT
13-12-9115	GOULD, RICHARD		MARSHFIELD		05658	VT
13-12-0137	GRAHAM, HARRY		ADAMANT		05640	VT
13-12-9156	TIBBITTS, ARNOLD		PLAINFIELD		05667	VT
13-12-0159	ACKERMAN, ALBERT		CABOT		05647	VT
13-12-9218	VERMONT STATE HOSPITAL		WATERBURY		05676	VT
13-12-0244	JOSLIN, EUGENE H.	UPPER TERRACE STRE	MONTPELIER		05602	VT
13-12-9246	ERNSTOF, MILTON	PERRY HILL FARM R	WATERBURY CENTER		05677	VT
13-12-0301	HOSKI AND ARONSON		NORTHFIELD		05663	VT
13-12-0337	BOUGHARD, PAUL	R F D	PLAINFIELD		05667	VT
13-13-0015	MILLER, P.E. & J. M.		VERNON		05354	VT
13-13-0018	PUTNEY SCHOOL, INC.	LAURENCE TITUS MGR	PUTNEY		05346	VT
13-13-0019	RANNEY, GEORGE	R F D	PUTNEY		05346	VT
13-13-0061	RANNEY, ISABELLE S.	R F D	PUTNEY		05346	VT
13-13-0131	SOUTH MOWING FARM	R F D 4	WEST BRATTLEBORO		05301	VT
13-14-0003	BISHOP FARM INC 1	R F D	SPRINGFIELD		05156	VT
13-14-0027	WHITCOMB, RICHARD F.	R F D	SPRINGFIELD		05156	VT
13-14-9117	SYNDICATE FARM	R F D	PROCTORSVILLE		05153	VT
13-14-0142	GREEN ACRES FARM 1	BOX 114	NORTH HARTLAND		05052	VT
13-14-0143	LEWIS, MRS TERESA B.	R F D 1	WOODSTOCK		05091	VT
13-14-0147	CUSSINGHAM FARMS	R F D 1	NORWICH		05055	VT
13-14-0149	BISHOP FARM INC 2	R F D	SPRINGFIELD		05156	VT
13-14-9154	GERMAIN, LEONARD L	R F D	SPRINGFIELD		05156	VT
13-14-9158	HUNTLEY, T.L. & J. & SONS	R F D 2	SOUTH ROYALTON		05068	VT
13-14-9160	BIGELOW, DON	RFD 3	BETHEL		05032	VT

TABLE 9.--LIST OF HERD OWNERS (CONTINUED)

HERD CODE	NAME OF OWNER	STREET-ROUTE	ADDRESS OF OWNER	TOWN	ZIP-CODE	STATE
13-14-0170	EDDY, STEPHEN H.	R F D 3	BETHEL		05032	VT
13-14-0173	ADAMS BROTHERS	R D 1	CHESTER		05143	VT
13-14-0180	MOSMAN, D. F.	R F D	WHITE RIVER JUNCT		05001	VT
13-14-0201	HARVEY BROS ATT R HARVEY		ROCHESTER		05767	VT
13-14-0202	BILLINGS FARM		WOODSTOCK		05091	VT
13-14-0205	CONKLIN, ALBERT E.	ROUTE 1 BOX 128	WOODSTOCK		05091	VT
13-14-0212	LEXINGTON FARM	ATT E H LOCKE	READING		05062	VT
13-14-0214	QUINN, FORREST	R F D	WOODSTOCK		05091	VT
13-14-0303	BALLA MACHREE FARM	R F D 2	SOUTH ROYALTON		05068	VT
13-14-0316	LEWIS, ORA	R F D 2	WOODSTOCK		05091	VT
13-14-0329	MAPLEROW FARM		WHITE RIVER JUNCT		05001	VT
13-14-0416	MAXFIELD, M. B. AND SONS		NORTH HARTLAND		05052	VT
13-14-0513	SEVERY, MERL AND JOYCE		ROCHESTER		05767	VT
14-10-0001	HALE BROTHERS	SUNSET FARM 2	TYRINGHAM		01264	MA
14-10-0002	WILDE, MR. & MRS. H. G.	HIGHLAWN FARM	LENEX		01240	MA
14-10-0008	PULPIT ROCK FARM	916 E. NEW LENOX R	PITTSFIELD		01200	MA
14-10-0009	BRATTLE BROOK FARM, INC	178 LONGVIEW	PITTSFIELD		01202	MA
14-10-0013	MALNATI, DR. & MRS J. J.	1054 STATE ROAD	NORTH ADAMS		01247	MA
14-10-0133	MALNATI, J. A. & A. J.		ASHLEY FALLS		01222	MA
14-10-0223	TOWNE, LELAND S.	STRATTON ROAD	WILLIAMSTOWN		01267	MA
14-10-0227	LEGEY, EDWIN S.	RFD	SHEFFIELD		01257	MA
14-10-0230	LIMESTONE FARM	'SSR	CANAAN		06018	CT
14-10-0231	CRYSTAL HILL FARM		MILL RIVER		01244	MA
14-10-0235	CHAPIN, ROBERT A.		SHEFFIELD		01257	MA
14-10-0246	DELLERT, DWIGHT		ASHLEY FALLS		01222	MA
14-10-0248	RIISKA, DAVID & PAT FM	RFD WINDING RIVER	SHEFFIELD		01257	MA
14-10-0309	GALUSHA, DANIEL E.	GREEN RIVER ROAD	WILLIAMSTOWN		01267	MA
14-10-0311	RODDA, HENRY O.		HANCOCK		01237	MA
14-10-0315	WHITTING, HENRY T	CRESTALBAN FARM	BERKSHIRE		01224	MA
14-10-0325	PHELPS, HARLEY	NEW ASHFORD	LANESBORO		01237	MA
14-10-0327	FLETCHERS JERSEY ACRES		CHESHIRE		01225	MA
14-10-0344	TUCKER, CLARENCE & DANIE	P.O. BOX 144	LANESBORO		01237	MA
14-10-0348	BALAMENDER, FRED S.		CHESHIRE		01225	MA
14-10-0349	DRIVER, GRAHAM & TREVOR	P O BOX 62	LANESBORO		01237	MA
14-10-0350	BRATTLE BROOK FARM, INC2	178 LONGVIEW TERRA	PITTSFIELD		01202	MA
14-10-0412	ARMSTRONG, ARTHUR	BOX 92	SEGMENT		01258	MA
14-11-0132	ZIMMERMAN, CASPER	R F D	BERNARDSTON		01337	MA
14-11-0150	HASTINGS, DALE E.	383 EAST RIVER ST	ORANGE		01364	MA
14-11-0154	LLEWELYN, CHARLES W.	UPPER FARM ROAD	NORTHFIELD		01360	MA
14-11-0157	HATHAWAY, ELSON JR. FM 1	SOUTH SHELBOURNE RO	GREENFIELD		01301	MA
14-11-0167	JACQUE, WILLIAM	JACKSONVILLE ROAD	COLRAIN		01340	MA
14-11-0201	CLARK, MALCOLM S.	APPLE VALLEY ROAD	ASHFIELD		01330	MA
14-11-0204	DAVENPORT, MAURICE J.		SHELBOURNE FALLS		01370	MA
14-11-0215	HEALY, WINSTON	E CHARLEMONT HERD	SHELBOURNE FALLS		01370	MA
14-11-0226	TAYLOR, ERNEST	HILL ROAD	SOUTH ASHFIELD		01371	MA

TABLE 9.--LIST OF HERD OWNERS (CONTINUED)

HERD CODE	NAME OF OWNER	STREET--ROUTE	TOWN	ADDRESS OF OWNER	ZIP--CODE	STATE
14-11-9237	SCOTT, ROGER B.	APPLE VALLEY ROAD	ASHFIELD	ASHFIELD	01330	MA
14-11-9239	FITZGERALD, WILLIAM R.	LEYDEN ROAD	SOUTH ASHFIELD	SOUTH ASHFIELD	01371	MA
14-11-0302	WRIGHT, JOHN AND SONS		GREENFIELD	GREENFIELD	01301	MA
14-11-0308	SHEARER, LAWRENCE JR.		COLRAIN	COLRAIN	01340	MA
14-11-0310	GLEASON, F. WALTER		HEATH	HEATH	01346	MA
14-11-0320	MELLOW MEADOWS FARM 2	RIVER STREET	BERNARDSTON	BERNARDSTON	01337	MA
14-11-0324	SCHREIBER, WILLIAM H. FM	WATSON ROAD R F D	ASHFIELD	ASHFIELD	01330	MA
14-12-0001	WENTWORTH, MRS. HAROLD T	SOUTH EAST STREET	AMHERST	AMHERST	01002	MA
14-12-0003	JACQUES BROTHERS FM 1	575 SO. PLEASANT S	AMHERST	AMHERST	01002	MA
14-12-9009	COOK, GORDON	R F D 2	HADLEY	HADLEY	01035	MA
14-12-0013	GALUSHA, G. N. AND SON	R D	GRANBY	GRANBY	01033	MA
14-12-0062	CARLSON, DONALD R.	R F D 1	WARE	WARE	01082	MA
14-12-0064	COLE, RICHARD I.	FRANKLIN STREET	BELCHERTOWN	BELCHERTOWN	01007	MA
14-12-0101	BELCHERTOWN STATE SCHOOL	ATT J F MCCREA	BELCHERTOWN	BELCHERTOWN	01007	MA
14-12-9102	FOWLES, ELWYN M.	SUNNYDELL FARM	SOUTHAMPTON	SOUTHAMPTON	01073	MA
14-12-0105	SMITH SCHOOL		NORTHAMPTON	NORTHAMPTON	01060	MA
14-12-0116	TRACY, RICHARD	R F D 1	EASTHAMPTON	EASTHAMPTON	01027	MA
14-12-9122	ALOISI, LEO	R F D 1	NORTHAMPTON	NORTHAMPTON	01060	MA
14-12-9201	KENTFIELD FARM & DAIRY	R D 2	HADLEY	HADLEY	01035	MA
14-12-9202	WENTWORTH, FRED A.	STANLEY STREET	AMHERST	AMHERST	01002	MA
14-12-0207	BARSTOWN LONGVIEW FARM	R F D	HADLEY	HADLEY	01035	MA
14-12-0350	MOREY, W. DEAN	NASH ROAD	CUMMINGTON	CUMMINGTON	01026	MA
14-12-0356	PARSONS, HENRY M.	R F D	EAST HAMPTON	EAST HAMPTON	01027	MA
14-12-9359	OSBORNE, C. WEST	R F D	HADLEY	HADLEY	01035	MA
14-12-9402	UNIVERSITY OF MASS.	ATT B L HILTON	AMHERST	AMHERST	01002	MA
14-13-9033	PIHL, RALPH E.	COESHILL ROAD	SOUTHWICK	SOUTHWICK	01077	MA
14-13-0035	WATERMAN, RICHARD	COLLEGE HIGHWAY	SOUTHWICK	SOUTHWICK	01077	MA
14-13-0040	HALL, P. K. AND SON	SUNNYSIDE RD	SOUTHWICK	SOUTHWICK	01077	MA
14-13-0043	NIETUPSKI BROTHERS	1063 GLENDALE RD	NORTH WILBRAHAM	NORTH WILBRAHAM	01067	MA
14-14-0010	ATLANTIC UNION COLLEGE	ATT C. A. FRENCH	SOUTH LANCASTER	SOUTH LANCASTER	01561	MA
14-14-9025	DAVIS, JOHN A. AND SON	STERLING JUNCTION	STERLING JUNCTION	STERLING JUNCTION	01565	MA
14-14-0033	FERNALD, W. E. SCHOOL	TEMPLETON COLONY	BALDWINVILLE	BALDWINVILLE	01436	MA
14-14-9035	GARDNER STATE HOSPITAL	ATT U J CHARLES	EAST GARDNER	EAST GARDNER	01440	MA
14-14-9039	GRAFTON STATE HOSPITAL	211 WESTBORO RD	NORTH GRAFTON	NORTH GRAFTON	01536	MA
14-14-0041	HANSEN AND ROBERTS		GILBERTVILLE	GILBERTVILLE	01031	MA
14-14-0048	HOOK, CARL	140 GREEN ST	SHREWSBURY	SHREWSBURY	01545	MA
14-14-9075	PIERCE, GLIDDEN B.	1028 PLEASANT ST	PAXTON	PAXTON	01612	MA
14-14-9078	PROCTOR, D. L. AND SON		SPENCER	SPENCER	01562	MA
14-14-9102	WHITTIER FARMS INC	HARPERS DAIRY FARM	WEST SUTTON	WEST SUTTON	01527	MA
14-14-9125	HARPER, DAVID		LEOMINSTER	LEOMINSTER	01453	MA
14-14-0128	ADAMS, CLARENCE	NORTH WEST RD	SPENCER	SPENCER	01562	MA
14-14-0146	BATES, WARREN AND SON	BATES ROAD	DUDLEY	DUDLEY	01572	MA
14-14-0152	HOLBROOK, ERNEST JR.	ROLLING ACRES FARM	WEST BROOKFIELD	WEST BROOKFIELD	01595	MA
14-14-0155	BRUNELLE, JOHN V.		RUTLAND	RUTLAND	01543	MA
14-14-0172	DOWNES, RICHARD	EAST DOUGLAS	EAST DOUGLAS	EAST DOUGLAS	01516	MA

TABLE 9.--LIST OF HERD OWNERS(CONTINUED)

HERD CODE	NAME OF OWNER	STREET-ROUTE	TOWN	ZIP-CODE	STATE
14-14-9174	MASONIC HOME	ATT NORMAN MITCHEL	CHARLON	01507	MA
14-14-0205	VAIL, RAYMOND	R F D	BRINFIELD	01010	MA
14-14-0210	DONBETT FARM	HEYWOOD ROAD R F D	OXFORD	01540	MA
14-14-0239	PILLSBURY, ROGER S. FM 2	R F D	LEONINSTER	01453	MA
14-14-0240	MASON, ORRIN W. JR.		JEFFERSON	01522	MA
14-14-0241	MAGGS, C A	ROPER ROAD	WESTMINSTER	01473	MA
14-14-0250	STILLMAN, C. E.	LANCASTER AVE	LUNENBURG	01462	MA
14-14-9255	MEANS, ABBEY-ELM HILL FM	ATT BOYCE-E. MAIN	BROOKFIELD	01506	MA
14-14-0257	BENNETT, HARRY JR.	R F D 1 BOX 38	NORTH BROOKFIELD	01535	MA
14-14-0258	RICHARDSON, R	RICHDELL JER LAKE	BROOKFIELD	01506	MA
14-14-0260	CRAMFORD, WILLIAM	1125 HILL STREET	WHITINSVILLE	01588	MA
14-14-0270	OAKHOLM FARM	LAKE ROAD	BROOKFIELD	01506	MA
14-14-9271	BASKIN, HERVEY E.	68 CASTLE HILL RD	WHITINSVILLE	01588	MA
14-14-9275	HARPER, DAVID	HARPERS DAIRY FARM	LEONINSTER	01453	MA
14-14-0280	GRIFFING, HAROLD M.	LONG HILL ROAD	WEST BROOKFIELD	01056	MA
14-14-0520	RYDER, FLOYD E. JR.	SOUTH RD	TEMPLETON	01468	MA
14-14-0568	BOSMA, RICHARD	BOX 41 WILLIAM ST	UXBRIDGE	01569	MA
14-15-9015	EASTLEIGH FARMS	R D 2 K G SMITH SU	FRAMINGHAM CENTER	01702	MA
14-15-9117	TWIN VALLEY FARM	LONG HILL FARM	EAST PEPPERELL	01437	MA
14-15-9122	WILSON, WARREN E. 1		BOLTON	01740	MA
14-15-0123	ROSSBACH, GEORGE AND SON	TURNPIKE ROAD	TOWNSEND	01469	MA
14-15-0133	PICKARD, HOBART	P O BOX 398	PEPPERELL	01463	MA
14-15-0136	STONYMEADE FARMS	GREAT BROOK FARMS	CONCORD	01742	MA
14-15-9201	SMITH, FARNHAM W.		CARLISLE	01741	MA
14-15-0203	TENKSURY STATE HOSPITAL		TENKSURY	01876	MA
14-15-0401	PRATT, WALTER	OLD CONN PATH	WAYLAND	01778	MA
14-15-9402	SAINT BENEDICT CENTER	ATTN H H CLARK	STILL RIVER	01467	MA
14-16-9001	DANVERS STATE HOSPITAL		HATHORNE	01937	MA
14-16-9009	APPLETON FARMS	CROSS ST	IPSWICH	01938	MA
14-16-9015	MEREDITH FARM		TOPSFIELD	01983	MA
14-16-0021	SARGENT, ROBERT R.	BEAR HILL ROAD	MERRIMAC	01860	MA
14-16-0103	FITZGERALD BROTHERS FARM	200 KENOZAST	HAVERHILL	01830	MA
14-16-0117	BATTIS, JOHN E.	10 FERN AVENUE	AMESBURY	01913	MA
14-16-9119	WILD SHAMROCK JERSEY FAR	44 SOUTH HAMPTON	AMESBURY	01913	MA
14-16-0126	EMERSON, RUSSELL P.	288 NORTH BROADWAY	HAVERHILL	01830	MA
14-16-9127	HAYDEN, MR. AND MRS. J.	59 MAIN STREET	TOPSFIELD	01983	MA
14-16-0130	ROGERS, HAROLD B. FARM 2	133 NECK ROAD	WARD HILL	01830	MA
14-16-0201	CHADWICK, J. WARREN	ALDERBROOK FARM	WEST BOXFORD	01885	MA
14-17-9004	NORFOLK CO AG H SCHOOL 1	ATT LEE SALONEN	WALPOLE	02081	MA
14-17-9040	WHEELER, PHILLIPS W.	1489 WEST ST	WRENTHAM	02093	MA
14-17-9041	BRIGGS, ROBERT	38 WINTHROP STREET	WEST MEDWAY	02053	MA
14-18-9015	TWIN ELMS FARM	189 HANCOCK STREET	ABINGTON	02351	MA
14-18-0107	BLANCHARD, FRED AND SON	R F D 3 BOX 17	MIDDLEBORO	02346	MA
14-18-9213	STONE, ROBERT G.	GREAT HILL FARM	MARION	02738	MA
14-19-0007	BRISTOL COUNTY AG. SCHOOL	CENTER STREET	SEGREGANSETT	02773	MA

TABLE 9.--LIST OF HERD OWNERS (CONTINUED)

HERD CODE	NAME OF OWNER	STREET-ROUTE	TOWN	ADDRESS OF OWNER	ZIP-CODE	STATE
14-19-0014	DEVINE MOUNT HOPE FARM	224 SO WALKER ST	TAUNTON	TAUNTON	02780	MA
14-19-0015	FLINT, BENJ W.	832 EAST STREET	MANSFIELD	MANSFIELD	02048	MA
14-19-0035	HORTON, WALTER	COUNTY ST	SEEKONK	SEEKONK	02771	MA
14-19-0037	PONTES, LEWIS	233 LOCUST ST	SWANSEA	SWANSEA	02777	MA
14-19-0041	CHACE, WARREN R.	BARNEY AVE	SEEKONK	SEEKONK	02771	MA
14-19-0114	EVANS, EARL V.	SAYLES DAIRY	NORTH ATTLEBORO	NORTH ATTLEBORO	02760	MA
14-19-0127	CABRALS DAIRY	133 SCHOOL STREET	TAUNTON	TAUNTON	02780	MA
14-19-0148	PARADIS, GEORGE	50 OLD PROVIDENCE	SWANSEA	SWANSEA	02777	MA
14-19-0149	BETTENCOURT BROTHERS	HORSENECK ROAD	SOUTH WESTPORT	SOUTH WESTPORT	02776	MA
14-20-0002	ROBERTIS DAIRY FARM	BOX 16	SANDWICH	SANDWICH	02563	MA
15-11-0111	PANCIERA, ALDO	90 FRANKLIN ST	WESTERLY	WESTERLY	02891	RI
15-11-0116	COTTRELL HOMESTEAD	ATT ALBREY TEFFT	WEST KINGSTON	WEST KINGSTON	02892	RI
15-11-0118	GUERNSEY ACRES	AN & DRY HUS DEPT	HOPE VALLEY	HOPE VALLEY	02832	RI
15-11-0131	HOYLE, G. THOMAS		WEST KINGSTON	WEST KINGSTON	02892	RI
15-11-0134	UNIVERSITY RHODE ISLAND		KINGSTON	KINGSTON	02881	RI
15-11-0153	CLARK, GEORGE P & VERA J	HORSESHOE FALLS FM	SHANNOCK	SHANNOCK	02875	RI
15-12-0125	SWANSON, ROBERT G.	R F D 2	NORTH KINGSTON	NORTH KINGSTON	02852	RI
15-13-0113	R. I. DEPT. OF WELFARE	INST FARM OFFICE	HOWARD	HOWARD	02834	RI
15-13-0116	KNI8B, RUSSELL S.	WHIPPLE RD BOX 131	PASCOAG	PASCOAG	02859	RI
15-13-0121	HILLSIDE FARMS INC.	1308 PHENIX AVE	CRANSTON 10	CRANSTON 10	02910	RI
15-13-0124	BURROUGHS BROTHERS	BOX 53 HOPE AVENU	HOPE	HOPE	02831	RI
15-14-0116	KESSON, J. S. AND SON	1903 WEST MAIN RD	MIDDLETOWN	MIDDLETOWN	02843	RI
15-14-0122	SIMMONS, J. L. AND SON	WEST MAIN ROAD	MIDDLETOWN	MIDDLETOWN	02843	RI
15-14-0143	LEBREUX, LUCIEN	1057 CRANDALL RD	TIVERTON	TIVERTON	02878	RI
16-02-0023	MCKEON, DANIEL M.	AREGIDEEN FARM	RIDGEFIELD	RIDGEFIELD	06877	CT
16-02-0039	KELLER, ROBERT	ADAMS RD R D 1	BRIDGEPORT	BRIDGEPORT	06600	CT
16-02-0218	PERRY, FRANK W.	R F D 1	NEWTOWN	NEWTOWN	06470	CT
16-04-0002	USBURN PRISON FARM	BOX G	HAZARDVILLE	HAZARDVILLE	06036	CT
16-04-0012	ROESBURG, HERMAN	MAPLETON AVE	SUFFIELD	SUFFIELD	06078	CT
16-04-0013	KRISTOFF BROTHERS	183 BAILEY ST	GLASTONBURY	GLASTONBURY	06033	CT
16-04-0015	LONGO, LOUIS	2992 HEBRON AVENUE	GLASTONBURY	GLASTONBURY	06033	CT
16-04-0023	SHELDON MEL FARM	SHELDON STREET	EAST GRANBY	EAST GRANBY	06026	CT
16-04-0107	EDDYTHORN FARM 2	BOX 221 E W EDDY	NEWINGTON 11	NEWINGTON 11	06100	CT
16-04-0111	THRALL, OLIVER J. INC.	145 THRALL ROAD	WINDSOR	WINDSOR	06095	CT
16-04-0211	PETERSEN, A.C. FMS 2, IN	61 TERRY PLAIN ROA	BLOOMFIELD	BLOOMFIELD	06002	CT
16-04-0212	THRALL, H. C. AND SONS	DAY HILL RD	WINDSOR	WINDSOR	06095	CT
16-04-0215	TULLER, O D & SONS FM 2	BX100 ATT O H TULL	WEST SIMSBURY	WEST SIMSBURY	06092	CT
16-04-0224	MILLER, FRED	SHELDON ST	WEST SUFFIELD	WEST SUFFIELD	06093	CT
16-04-0226	DEMEY, CARL	WEST ROAD R F D	COLLINSVILLE	COLLINSVILLE	06022	CT
16-04-0235	PETERSEN, A. C. FMS 3, IN	61 TERRY PLAIN ROA	BLOOMFIELD	BLOOMFIELD	06002	CT
16-04-0236	PETERSEN, A C FMS 1 INC	61 TERRY PLAIN ROA	BLOOMFIELD	BLOOMFIELD	06002	CT
16-04-0308	WILCOX, H. G. AND SON	KENSINGTON ROAD	KENSINGTON	KENSINGTON	06037	CT
16-04-0311	HAYES, ED P. AND SONS	HAYES RD	ROCKY HILL	ROCKY HILL	06067	CT
16-04-0314	MUNSON, NORM AND DON	782 KENSINGTON RD	KENSINGTON	KENSINGTON	06037	CT
16-04-0403	COULTER BROTHERS	TAINTOR HILL	SUFFIELD	SUFFIELD	06078	CT

TABLE 9.--LIST OF HERD OWNERS(CONTINUED)

HERD CODE	NAME OF OWNER	STREET-ROUTE	TOWN	ZIP-CODE	STATE
16-04-0408	DRENZEK, WALTER	NORTH ST	SUFFIELD	06078	CT
16-04-0411	COLLINS POWDER HILL FARM	POWDER HILL RD	HAZARDVILLE	06036	CT
16-04-0512	STROH, CHARLES	HILLTOP FARM	SUFFIELD	06078	CT
16-06-0008	BEECHER, C. MADE JR.		WINCHESTER CENTER	06094	CT
16-06-0020	CARLSON, DOUGLAS J.	CARLWOOD FARM RFD	CANAAN	06018	CT
16-06-0026	SLATE, REGINALD W.	R F D 2	LITCHFIELD	06759	CT
16-06-0029	DEEP LAKE FARM		LAKEVILLE	06039	CT
16-06-0030	DELAY, HENRY AND SON	FAIRVIEW FARM	HARTINTON	06790	CT
16-06-0031	DUDLEY, GEORGE C.		LITCHFIELD	06759	CT
16-06-0034	EVARTS, KATHARINE A.		KENT	06757	CT
16-06-0037	FINCH, STANLEY AND SON	RIDGEVIEW FARM	ROXBURY	06783	CT
16-06-0048	GIULIAN, ALBERT	BONEY HILL RD	CANAAN	06018	CT
16-06-0050	GOLDEN HARVEST FARM		BRIDGEWATER	06752	CT
16-06-0055	GUSTAFSON BROTHERS	LINKFIELD ROAD	WATERTOWN	06795	CT
16-06-0064	HOPKINS, WILLIAM	THE SACHEM FARM	NEW PRESTON	06777	CT
16-06-0077	LEE, ABEL		LAKEVILLE	06039	CT
16-06-0084	MORGAN FARM	ELLSWORTH	SHARON	06069	CT
16-06-0096	PLUMB, FRED		LITCHFIELD	06759	CT
16-06-0098	POTTER, F. ARTHUR	TAMARACK FARM	WASHINGTON	06793	CT
16-06-0100	QUALITY FARM	WELLS HILL ROAD	LAKEVILLE	06039	CT
16-06-0105	RIPLEY, LOUIS R.	ATT RICHARD KUHN R	LITCHFIELD	06759	CT
16-06-0125	STEVENS, LAWRENCE	R F D 1	WEST CORNWALL	06796	CT
16-06-0127	SULLIVAN, GEORGE JR.	139 PARK LANE	NEW MILFORD	06776	CT
16-06-0128	PRATT, GEORGE D. JR.	SUNNY VALLEY FARM	NEW MILFORD	06776	CT
16-06-0130	TANNER, A. AND L.		NEW PRESTON	06777	CT
16-06-0136	TOLL GATE FARMS	CHESNUT HILL	LITCHFIELD	06759	CT
16-06-0137	TOPLANDS FARM	R F D	ROXBURY	06783	CT
16-06-0138	TOPLINE FARM 1		BRIDGEWATER	06752	CT
16-06-0154	WILBER, FRED	R F D 1	WINSTED	06098	CT
16-06-0159	ZINKE, NORBERT	BAWANA FARM	CANAAN	06018	CT
16-06-0162	GOLD, T S -CREAM HILL FM	R F D 1	WEST CORNWALL	06796	CT
16-06-0166	WELLS, GEORGE & SONS INC	WELLSVIEW AVENUE	NEW MILFORD	06776	CT
16-06-0172	DICKS, DAVID	PURCHASE RD	SOUTHBURY	06488	CT
16-06-0178	DODD, WILLIAM FM 1		NEW MILFORD	06776	CT
16-06-0184	SWENDSEN, SAMUEL JR.	R F D	BETHLEHEM	06751	CT
16-06-0199	KENT SCHOOL	ATT DONALD CARVILL	KENT	06757	CT
16-06-0201	ATWOOD, GROVER C.	BELDEN ROAD	FALLS VILLAGE	06031	CT
16-06-0204	FOLEY, THOMAS AND SONS	BOX 633	CANAAN	06018	CT
16-06-0206	PETERSON, RUSSELL	R F D 1	BETHLEHEM	06798	CT
16-06-0208	GRASSLAND FARM	HAMMERTOWN ROAD	SALISBURY	06068	CT
16-06-0217	BRONSON, HOWARD M.		WASHINGTON DEPOT	06794	CT
16-06-0221	HARRIS, HARRY	STONNY BATTER FARM	CORNWALL BRIDGE	06754	CT
16-06-0225	LORENZO, UTTAVIO	TOWN HILL ROAD	LAKEVILLE	06039	CT
16-06-0234	NORTH WALES FARM	UNDERMOUNTAIN RD	SALISBURY	06068	CT
16-06-0236	HARRIS, GEORGE	R D 3 BROWN SWISS	NEW MILFORD	06776	CT

TABLE 9.—LIST OF HERD OWNERS (CONTINUED)

HERD CODE	NAME OF OWNER	STREET-ROUTE	ADDRESS OF OWNER	TOWN	ZIP-CODE	STATE
16-06-0244	JACQUIER, ROBERT	R F D	EAST CANAAN		06024	CT
16-06-9247	REIMER, CHARLES R.	R F D 3	NEW MILFORD		06776	CT
16-06-0249	WEINGART, CHARLES L.	R F D 3	HARWINTON		06790	CT
16-06-0254	LEE, JAMES C.		EAST CANAAN		06024	CT
16-06-0261	IVY MOUNTAIN FARM		GOSHEN		06756	CT
16-06-0269	THORN, MARSHALL	HICKORY HILL RD	THOMASTON		06787	CT
16-06-9272	CANFIELD FARM	WEST GOSHEN RD	FALLS VILLAGE		06031	CT
16-06-0280	SMITH, MALCOLM	HAUTBOY HILL RD	LITCHFIELD		06759	CT
16-06-0319	HURLBURT, ALLYN H JR	J SCHULTEN LONG MT	FALLS VILLAGE		06031	CT
16-06-9323	STORM HAVEN FARM INC.		NEW MILFORD		06776	CT
16-06-0338	PRATT, GEORGE D. JR.	SUNNY VALLEY FARM	NEW MILFORD		06776	CT
16-06-0340	TABER, PAUL	R F D	MORRIS		06763	CT
16-06-0365	HATFIELD, OWEN	BOX 205	BETHLEHEM		06751	CT
16-10-0008	SCRANTON, CHARLES H.	LAKE DRIVE	NORTH GUILFORD		06437	CT
16-10-0014	BROCKETT, DICK AND TED	ARROWDALE RD	NORTH HAVEN		06473	CT
16-10-0017	NEUBIG BROTHERS	BARBERRY ROAD	NORTH HAVEN		06473	CT
16-10-9029	SCHREIBER, DAVID T.	QUAKER FARMS RD	OXFORD		06483	CT
16-10-0032	SOUTHBURY TRAINING SCH	ATT CHAS BRIGHAM	SOUTHBURY		06488	CT
16-10-0037	HOUSATONIC VALLEY FMS IN	R F D 1	SOUTHBURY		06488	CT
16-10-9039	MITCHELL, R. KIMBERLY	RIVER RD.	SOUTHBURY		06488	CT
16-10-9041	LARKIN, HOWARD T.	SOUTH ST	MIDDLEBURY		06762	CT
16-10-0045	GREENBACKER, C. & SNS FM	743 MURDOCK AVENUE	MERIDEN		06450	CT
16-10-0048	TOMLINSON, W. P. AND SON	WOODHOUSE AVE	WALLINGFORD		06492	CT
16-10-0061	PAGE, JUDSON & SONS	TOTOKET ROAD	NORTH BRANFORD		06471	CT
16-10-0064	AUGUR, FRED & LARRY	FUREST ROAD	NORTHFORD		06472	CT
16-10-0083	AUGUR, RAYMOND C.	AUGUR ROAD	NORTHFORD		06472	CT
16-10-0090	AJELLO, THOMAS	OXFORD ROAD	OXFORD		06483	CT
16-10-9091	FARNAM, GEORGE B.	1283 WHIRLWIND HIL	WALLINGFORD		06492	CT
16-10-0113	LOVDAL, OSCAR	R D 2	SOUTHBURY		06488	CT
16-10-0120	COAG FARM	NORTHFORD RD	WALLINGFORD		06492	CT
16-10-0125	PAGE, RICHARD ALAN JR.	TOTOKET ROAD	NORTH BRANFORD		06471	CT
16-10-0131	GREENBACKER, C & SNS FM	743 MURDOCK AVENUE	MERIDEN		06450	CT
16-12-9015	FALK, ROBERT H.	R F D 1	MYSTIC		06355	CT
16-12-0017	GADBOIS, GEORGE O.	R F D 4	COLCHESTER		06415	CT
16-12-9023	LEDYARD FARMS-SIDNEY HAL	R F D 1	NORWICH		06351	CT
16-12-9026	KALLMAN, HERBERT	R F D 1	JEWETT CITY		06351	CT
16-12-9027	KRAUSE, HAROLD	R F D 1	WILLIMANTIC		06226	CT
16-12-0033	MANNING, OLIVER		LEBANON		06249	CT
16-12-9037	PIONEER FARM	ATT E L MARSH	OLD LYME		06371	CT
16-12-0042	PALMER BROTHERS	R F D 2	LISBON		06351	CT
16-12-0050	MAPLE RIDGE FARM	MAPLE AVENUE	EAST HADDAM		06423	CT
16-12-0053	TIFFANY, LEON		OLD LYME		06371	CT
16-12-9056	SEIFERT, GEORGE & MARION	KELSEY STREET	MIDDLETOWN		06457	CT
16-12-0057	GUSTAFSON, ALFRED	BUCKLEY HILL ROAD	COLCHESTER		06415	CT
16-12-0058	WHITE, RICHARD		NORTH STONINGTON		06359	CT

TABLE 9.--LIST OF HERD OWNERS (CONTINUED)

HERD CODE	NAME OF OWNER	STREET--ROUTE	TOWN	ZIP--CODE	STATE
16-12-9063	BROCK, E. LEROY & SUN FM	RIDGE RD	MIDDLETOWN	06457	CT
16-12-0080	NELSON, CONRAD	R F D 1	UNCASVILLE	06382	CT
16-12-0081	MILLER, HUBERT	WINDY NOTCH FM RD1	JEWETT CITY	06351	CT
16-12-0083	GOOD BROS.	R F D 3	NORWICH	06360	CT
16-12-0101	CUSHMAN, N. AND SON		LEBANON	06249	CT
16-12-0121	LARK RIDGE FARM	R F D 4	NORWICH	06360	CT
16-12-0129	RAYDONGEO FARM	BOX 972	NEW LONDON	06301	CT
16-12-0132	COX, RICHARD AND SON	R F D 1	NORWICH	06360	CT
16-12-0138	ROODE, R. L. AND D. J.	R F D 1	JEWETT CITY	06351	CT
16-12-0154	WILLIAMS, R. GRIND AWAYF	GOSHEN HILL RD	LEBANON	06249	CT
16-12-9160	LARSON, C W, W E, R E	BARTLETT STREET	PORTLAND	06480	CT
16-12-0161	BALLEK, ROBERT H.	MAPLE AVENUE	EAST HADDAM	06423	CT
16-14-0003	NIEMANN, KENNETH	RURAL ROUTE 1	ELLINGTON	06029	CT
16-14-9005	RUDD, ALLAN	HOFFMAN ROAD	ELLINGTON	06029	CT
16-14-9014	BAHLER FARMS INC	R D 1	ELLINGTON	06029	CT
16-14-0017	KAMINSKI, L. AND T.	BELLEVUE AVE	ROCKVILLE	06066	CT
16-14-0022	PEASE, HORACE	9TH DEST RD	SOMERS	06071	CT
16-14-0037	SZEGDA, JOSEPH		COLUMBIA	06237	CT
16-14-0038	KAPLAN, MORRIS	MAPLELEAF E FM RFD	CHESTNUT HILL	06236	CT
16-14-0046	ELLIS, KENNETH & SON		HEBRON	06248	CT
16-14-0050	LUGINBUHL, URBAN	R F D 1	ROCKVILLE	06066	CT
16-14-9060	ELM KNOLL FARMS HERD2	R D 2	SOMERS	06071	CT
16-14-9063	CHASE, FRANK	ELLINGTON RD	SOMERS	06071	CT
16-14-0065	COOK, NORMA B.	R D JOBS HILL	ELLINGTON	06029	CT
16-14-0067	GOTTIER, JACOB	R D 1	ELLINGTON	06029	CT
16-14-0081	ABORN, EMERSON	R D 1	ELLINGTON	06029	CT
16-14-0108	MARTIN, RUSSELL W.	P. O. BOX 144	WILLIMANTIC	06226	CT
16-14-9109	SZEGDA, RONALD		COLUMBIA	06237	CT
16-14-0116	WARREN, DAVID G.	R F D 1	TOLLAND	06084	CT
16-14-0123	YOUNG, ROBERT	RFD BABCOCK HILL R	SOUTH COVENTRY	06238	CT
16-16-0002	BARRETT, GEORGE	R F D 2	WOODSTOCK	06281	CT
16-16-0041	ALMADA FMS ATT ED ALMADA	R F D 1 DAY STREET	BROOKLYN	06234	CT
16-16-0056	CHEBRO, MICHAEL	R F D	MANSFIELD CENTER	06250	CT
16-16-0060	ANDRUS, KAYE		MANSFIELD CENTER	06250	CT
16-16-9121	STAN WAL FARM	R D 1 GENDRON ROAD	MOOSUP	06354	CT
16-16-0123	TYLER, WILLIAM F JR.	R F D 1 HER 1	CANTERBURY	06331	CT
16-16-0137	FAIR VUE FARM	BOX 208	SOUTH WOODSTOCK	06267	CT
16-16-0149	UUR PRIDE FARM	R F D	PLANFIELD	06374	CT
16-16-0155	KNOWLTON, THOMAS	KNOWLTON ROAD RFD	STARRS	06268	CT
16-16-0156	LANE, CHARLES	R D 1 BOX 149	WOODSTOCK	06281	CT
21-01-0058	DABRAVALSKAS, JOSEPH		FEURA BUSH	12067	NY
21-01-0253	SUNNY HILL FARM	R D 1	OAK HILL	12460	NY
21-01-0410	MILLER, CHESTER		BERNE	12023	NY
21-01-0607	MILLER, HUBERT		EAST BERNE	12059	NY
21-01-0879	LAGRANGE, J. E. AND SONS		FEURA BUSH	12067	NY

TABLE 9.--LIST OF HERD OWNERS (CONTINUED)

HERD CODE	NAME OF OWNER	STREET-ROUTE	TOWN	ADDRESS OF OWNER	ZIP-CODE	STATE
21-01-0928	HEATH, WILLIAM AND SONS					
21-02-0008	WIXSON, CARL	R D 1		GLENMONT	12077	NY
21-02-0033	RAHR, JAMES K.	R D 3		BELFAST	14711	NY
21-02-0092	NICKERSON, GLENN			WELLSVILLE	14895	NY
21-02-9129	DUNLAP, ALTON	R F D 3		SCIO	14880	NY
				CUBA	14727	NY
21-02-9253	WATERS, LEWIS			WHITESVILLE	14897	NY
21-02-0326	MCNINCH, ROBERT	R D 3		BELMONT	14813	NY
21-02-0380	SUBJECT, ALBERT	RFD 2		CUBA	14727	NY
21-02-0521	DAVIES, ELDON	R D 3		CUBA	14727	NY
21-02-9605	STATE UNIV AG & TECH COL	FARM DEPT		ALFRED	14802	NY
21-02-9965	SNIDER, CEYLON R.	R F D		FILLMORE	14735	NY
21-03-0011	SCHULTZ, HENRY AND SON	RD 1		NINEVEH	13813	NY
21-03-0035	QUICK, RAYMOND	R D 6		BINGHAMTON	13900	NY
21-03-0061	WINSOR, RALPH E.	R D 2		HARPURSVILLE	13787	NY
21-03-0147	WEISSACRES	R D 2		HARPURSVILLE	13787	NY
21-03-0225	LAURENCE BROTHERS	R D 1		CONKLIN	13748	NY
21-03-0345	SUMMERS, CARL W.	R D 1		MARATHON	13803	NY
21-03-9368	WORDEN BROTHERS	R D 2		WINDSOR	13865	NY
21-03-0564	DAVHEMWAR FARMS			SANITARIA SPRINGS	13836	NY
21-03-9630	PIERSON, CLAIRE	R D 1		MARATHON	13803	NY
21-03-0672	OLIVER, EDWARD F.	R D		NINEVEH	13813	NY
21-03-0683	ANDRESEN, EDGAR AND LEIF	R D		AFTON	13730	NY
21-03-0879	OLIN, DONALD	RD 2		HARPURSVILLE	13787	NY
21-04-0010	GRAY, JAS. & HANES STAN.			FREEDOM	14065	NY
21-04-0097	STRICKLAND, JUSTUS	RD 3		CATTARAUGUS	14719	NY
21-04-9121	JEDRZEJEK BROTHERS	R D 1		ELLCOTTVILLE	14731	NY
21-04-0124	BUSEKIST, ROBERT	RFD 3		CATTARAUGUS	14719	NY
21-04-0128	KENT, WAYNE	R F D		LITTLE VALLEY	14755	NY
21-04-0130	HINTZ, ERWIN	R F D		EAST OTTO	14729	NY
21-04-0134	STUDLEY, M. AND SONS	RFD 2		GOWANDA	14070	NY
21-04-0146	BURROUGHS, WILSON	R D		LITTLE VALLEY	14755	NY
21-04-0158	WEBER, ALFRED	R D 1		DELEVAN	14042	NY
21-04-0168	DONJA FARM	R D 1		DELEVAN	14042	NY
21-04-0169	HARVEY, GORDON	RD 1		SPRINGVILLE	14141	NY
21-04-0231	LINDELL, JOHN	R F D 1		GREAT VALLEY	14741	NY
21-04-0255	STEINBAR, PRESTON	R F D		EAST OTTO	14729	NY
21-04-9311	CHARLESWORTH, HOWARD	R F D 1		EAST OTTO	14729	NY
21-04-0316	PALMARJA FARM	FIVE MILE ROAD		ALLEGANY	14706	NY
21-04-0348	MARTDALE FARMS	R D 2		OLEAN	14760	NY
21-04-0412	DAR-ANN FARM	BLUE ROAD R D 1		DELEVAN	14042	NY
21-04-0415	WINKEY, THEODORE	R D 2		WEST VALLEY	14171	NY
21-04-0619	ECCLES, HARRY	R D 1		RANDOLPH	14772	NY
21-04-9634	EDMONDS, ROBERT	R D 1		DELEVAN	14042	NY
21-05-0031	SEXAUER AND GROCKFORD	RD 3		AUBURN	13021	NY
21-05-9039	O'CONNOR, JOSEPH D.	HAMILTON STREET		WEEDSPORT	13166	NY

TABLE 9.--LIST OF HERD OWNERS (CONTINUED)

HERD CODE	NAME OF OWNER	STREET-ROUTE	TOWN	ZIP-CODE	STATE
21-05-0043	DUNHAM, RAY & ROBERT FM	R D 3	MORAVIA	13118	NY
21-05-0083	DENNISON, CHARLES	R D 3	CATO	13033	NY
21-05-0094	KEHOE, DONALD	R D 2	MORAVIA	13118	NY
21-05-0101	BEHOLM FARM 1	ATT P BUGHANS R D	MORAVIA	13118	NY
21-05-0114	DATES, CARL	R D 2	RED CREEK	13143	NY
21-05-0115	SANDERS, HOWARD & ROBERT	RD 1	CAYUGA	13034	NY
21-05-0143	OSTERHOUDT, C. R.		GENOA	13071	NY
21-05-0156	DAVIS, ARTHUR		GENOA	13071	NY
21-05-0157	STEVENS, DUANE	RD 2	RED CREEK	13143	NY
21-05-0160	JOHNSON, MAURICE W.	R D 4	AUBURN	13021	NY
21-05-0173	UNION SPRINGS ACADEMY	BOX 9 R D 1	UNION SPRINGS	13160	NY
21-05-0175	JULI, MICHAEL AND SON	RD 5	AUBURN	13021	NY
21-05-0205	HERRINGTON, D J & D E	R D 1	CATO	13033	NY
21-05-0221	RIFORD, L. S.	RD 3	AUBURN	13021	NY
21-05-0226	MONTANA, LESTER	R D 2	CATO	13033	NY
21-05-0242	ABER, PHILIP W.	R D 1	MORAVIA	13118	NY
21-05-0248	HY PYNE FARM	R D 1	LOCKE	13092	NY
21-05-0249	PEARCE, RICHARD W. & SON	R D 5	AUBURN	13021	NY
21-05-0250	VITALE, BEN	R D 3	AUBURN	13021	NY
21-05-0269	BEACON FEEDS	DIVISION OF TETRO	CAYUGA	13034	NY
21-05-0275	LITTLEJOHN FARMS	R D 1	UNION SPRINGS	13160	NY
21-05-0276	MORSE, PAUL	R D 1	MORAVIA	13118	NY
21-05-0344	CAREY BROTHERS	R D 1 HERD 2	LOCKE	13092	NY
21-05-0701	CAYUGA COUNTY HOME	RD 6	AUBURN	13021	NY
21-05-0704	REYNOLDS, HORACE	RD 1	KING FERRY	13081	NY
21-05-0764	GAHWILER, ALBERT	R D 2	AUBURN	13021	NY
21-05-0832	HARGETT, ROBERT	SAXOJAC FARM	LOCKE	13092	NY
21-05-0878	HATFIELD, ARBON	R D 1	MORAVIA	13118	NY
21-05-0922	FROGMORE FARM		AURORA	13026	NY
21-06-0043	FORBES FARMS	RFD 2	JAMESTOWN	14701	NY
21-06-0054	ANDERSON, STANLEY	R D 1	SINCLAIRVILLE	14782	NY
21-06-0061	CROWELL, DONALD V.	R D 2	SOUTH DAYTON	14138	NY
21-06-0070	IVETT, LYNN AND SON	R D 2	SOUTH DAYTON	14138	NY
21-06-0166	GIBBONS, JACK W.	R D 2	CLYMER	14724	NY
21-06-0183	BLY, MARVIN H.	R D 1	JAMESTOWN	14701	NY
21-06-0210	MEE BROTHERS FM 1	R D 1	FALCONER	14733	NY
21-06-0231	LAWSON, RALPH J.	520 CAMP STREET	JAMESTOWN	14701	NY
21-06-0256	LINDQUIST, GEORGE	R D 1	KENNEDY	14747	NY
21-06-0277	WILTIE, RAYMOND	R D 1	FREWSBURG	14738	NY
21-06-0291	WHITNEY, OLIVER	R D 2	CLYMER	14724	NY
21-06-0293	BRATT, FRANK AND SON	R D 2	JAMESTOWN	14701	NY
21-06-0387	FINCH, RICHARD	R D 2	SINCLAIRVILLE	14782	NY
21-06-0394	CROSS, ROBERT	R D 2	KENNEDY	14747	NY
21-06-0420	THOMPSON FARM, R & M & V	R D 2	KENNEDY	14747	NY
21-06-0422	SEARS, ALONZO	SPRAGUE HILL RD.	FALCONER	14733	NY

TABLE 9.--LIST OF HERD OWNERS (CONTINUED)

HERD CODE	NAME OF OWNER	STREET--ROUTE	TOWN	ZIP--CODE	STATE
21-06-0433	BEARDSLEY, JOHN P.	R D 1	STOCKTON	14784	NY
21-06-0497	NECKERS, ARTHUR	R D 2	SHERMAN	14781	NY
21-06-0565	ANDERSON BROTHERS	R D 3	JAMESTOWN	14701	NY
21-06-0594	LIDDELL, EDWARD	R D 1 BAYVIEW ROAD	BEMUS POINT	14712	NY
21-06-0615	MC-AL-LEE FARMS	RD 1 ATT H FERRY	FREDONIA	14063	NY
21-06-9655	GROSS, EDGAR F.	7136 ROOD ROAD	SINCLAIRVILLE	14782	NY
21-06-0660	SCHOFIELD, ROBERT	EAST MAIN ROAD	WESTFIELD	14787	NY
21-06-0747	RESLINK, MELVIN	R D 2	CLYMER	14724	NY
21-06-9791	GILBERT, MARION	RD 1	KENNEDY	14747	NY
21-06-9846	KIMBALL, STANLEY	R D 1	FALCONER	14733	NY
21-06-9893	COWLES, HAROLD	R D 2	ASHVILLE	14710	NY
21-06-0919	NEWHOUSE, EUGENE	R D 1	CLYMER	14724	NY
21-06-9995	DEAKIN, HAROLD AND SON	R D 1	PORTLAND	14769	NY
21-07-0007	SMITHOME FARMS	R F D 1	ELMIRA	14900	NY
21-07-0012	MOUNT SAVIOR MONASTERY		PINE CITY	14871	NY
21-07-0014	LANT, FRED AND SONS	R D 2	HORSEHEADS	14845	NY
21-07-0085	WOOD, CHARLES W.	RD 2	SAYRE	18840	PA
21-07-0433	ELMIRA REFORMATORY	R 2	ELMIRA	14900	NY
21-07-0434	SLEEPER, RICHARD B.		HORSEHEADS	14845	NY
21-07-0573	HOOSE, ELWIN		WELLSBURG	14894	NY
21-07-0699	WELLES, WILLIAM V.	RD 3	HORSEHEADS	14845	NY
21-07-0708	RHODES, M. E. AND SONS	R D 1	ELMIRA	14900	NY
21-08-0020	HOWARD, JOHN E.	BOX 302	SHERBURNE	13460	NY
21-08-9024	WEHRLI, ROBERT J.	BOX 24	SOUTH PLYMOUTH	13844	NY
21-08-9066	SPREUSVIEW FARMS INC.	R D 1	MOUNT UPTON	13809	NY
21-08-0100	FLEMING, DEWITT E.		GUILFORD	13780	NY
21-08-0117	DAVIDSON, I. AND R.	R D 1	SHERBURNE	13460	NY
21-08-0152	PLANKENHORN AND ORTON	RIVERLEA FARMS BX3	SIDNEY	13838	NY
21-08-0154	BENSON, ALF P.	SUN BEN FM R D 2	NEW BERLIN	13411	NY
21-08-0185	LARKIN, WILLIAM & SONS	R D 1	HUBBARDSVILLE	13355	NY
21-08-9222	LATHROP, C. E.	BOX 655	SHERBURNE	13460	NY
21-08-0230	HOLL, THOMAS JR.	R D 2	DE RUYTER	13052	NY
21-08-0246	COLEGROVE, JOHN & BEVERL	R D 3	EDMESTON	13335	NY
21-08-0247	IVES, DAVID		BAINBRIDGE	13733	NY
21-08-0344	TAYLOR, L. AND SONS		SHERBURNE	13460	NY
21-08-9347	MARSHMAN FARMS	RD 3	OXFORD	13830	NY
21-08-0355	REINEMA, MEME	R D 1	BAINBRIDGE	13733	NY
21-08-0388	CLARK, BURR E.	R D	EARLVILLE	13332	NY
21-08-0404	GILBERT, LESLIE		PITCHER	13136	NY
21-08-9408	MCLAUGHLIN, J. P.	R D 1	GREENE	13778	NY
21-08-0419	MICHA, JOHN	R D 2	GREENE	13778	NY
21-08-0441	WHITE, GEORGE	R F D	GUILFORD	13780	NY
21-08-0452	DUNCHEL, LOUIS	R D 2	OXFORD	13830	NY
21-08-0481	JOHNSON, M. AND R.	BOX 68 R D 1	SHERBURNE	13460	NY
21-08-0484	MEADE BROTHERS	R D 3	OXFORD	13830	NY

TABLE 9.--LIST OF HERD OWNERS(CONTINUED)

HERD CODE	NAME OF OWNER	STREET-ROUTE	ADDRESS OF TOWN	ZIP-CODE	STATE
21-08-0496	NEAL, THEODORE		PITCHER	13136	NY
21-08-0581	WELCH AND HIGGINS	R D 1	NEW BERLIN	13411	NY
21-08-0587	EAVES, THOMAS FM 1	R D 2	SHERBURNE	13460	NY
21-08-0605	RYAN, RICHARD	R D 1	OXFORD	13830	NY
21-08-0629	EATON, J. W.	HERD 1	PITCHER	13136	NY
21-08-0663	SABIN, REXFORD	R D 3	OXFORD	13830	NY
21-08-0685	BERGNER, WILLIAM R.	BOX 332	SHERBURNE	13460	NY
21-08-0688	KOLB, GEORGE J.	STAR ROUTE 332	NORWICH	13815	NY
21-08-0701	STANTON, FRANCIS	R D 1	EDMESTON	13335	NY
21-08-0705	JOHNSON, DONALD	R D 1	NEW BERLIN	13411	NY
21-08-0709	STRIER, ROBERT C.	R F D 3	OXFORD	13830	NY
21-08-0731	FRIEDEL, DOUGLAS	R D 2	NEW BERLIN	13411	NY
21-08-0766	DUNGEY, HARRISON		SHERBURNE	13460	NY
21-08-9767	LARCHAR FARMS	R D 1	NEW BERLIN	13411	NY
21-08-0781	BICE, RONALD	STAR ROUTE	SOUTH EDMESTON	13466	NY
21-08-0803	DULL, ROBERT	R D 2	SOUTH NEW BERLIN	13843	NY
21-08-0848	GRIDLEY, LAWRENCE W.	R D 3	BAINBRIDGE	13733	NY
21-08-0863	HALBERT, R. M. AND SON	R D 1	SOUTH NEW BERLIN	13843	NY
21-08-0868	PROSKINE, JOHN FM 1	R D 3	NORWICH	13815	NY
21-08-9949	ANGELL, BURNELL		DE RUYTER	13052	NY
21-08-0959	HILL, A. S. AND L. W.	R D 1	GREENE	13778	NY
21-09-0025	ASHLEY, CHARLES		WEST CHAZY	12992	NY
21-09-0053	GREGWARE, JOSEPH & SONS	GREGWARE DAIRY FAR	CHAZY	12921	NY
21-09-0077	BECHARD, FELIX	RFD 1 BORDER VIEW	CHAMPLAIN	12919	NY
21-09-9081	ROBINSON, THOMAS	RD 1	CHAMPLAIN	12919	NY
21-09-0107	DRAGON, STUART FM 2		WEST CHAZY	12992	NY
21-09-0193	ACE HIGH DAIRY FM 1	JOHN FRENNIER & SO	ELLENBURG DEPOT	12935	NY
21-09-0230	DRAGON, STUART FM 3		WEST CHAZY	12992	NY
21-09-0374	CHEESEMAN, MARSHALL		ELLENBURG DEPOT	12935	NY
21-09-0387	CHEESEMAN, WINFRED		ELLENBURG DEPOT	12935	NY
21-09-0530	CLINTON PRISON		DANNEMORA	12929	NY
21-09-0548	BANKER FARMS		PLATTSBURGH	12901	NY
21-09-0699	MAPLEGRAND FARM	KERMIT IRWIN	PERU	12972	NY
21-09-9999	STAFFORDSHIRE FARMS		PERU	12972	NY
21-10-0022	DEEP ACRES	RD	KINDERHOOK	12106	NY
21-10-0023	BORTUGNO, CHRIS AND SON		STUYVESANT FALLS	12174	NY
21-10-0024	PLEASANT VALLEY FARM	RFD	HILLSDALE	12529	NY
21-10-0049	MONTHIE, HERBERT	RD 1	HUDSON	12534	NY
21-10-9067	IRISH, L W & SONS INC	FRUITLANDS FARM	VALATIE	12184	NY
21-10-9086	TOPEER A FARMS		COPAKE	12516	NY
21-10-0092	LANGRIDGE, WM. H. R. JR.	R D	TIVOLI	12583	NY
21-10-0109	CLAGHORN, O. AND C.	RD 2	HUDSON	12534	NY
21-10-0116	OOMS, AREND AND SONS	R D	OLD CHATHAM	12136	NY
21-10-0144	MERRICK, IRVING		ANCRAM	12502	NY
21-10-0146	HAWKINS, M. AND N.	MANORHAWK FARM	CHATHAM	12037	NY

TABLE 9.--LIST OF HERD OWNERS (CONTINUED)

HERD CODE	NAME OF OWNER	STREET-ROUTE	TOWN	ZIP-CODE	STATE
21-10-0174	SHADOWBROOK FARM	BOX 40	NEW LEBANON CENTE	12125	NY
21-10-9186	JOHNSON, MERRILL	R D 1	KINDERHOOK	12106	NY
21-10-0201	STONEHOUSE FARM	R D 2	HUDSON	12534	NY
21-10-9203	LANGDON, ADRIAN C.		COPAKE	12516	NY
21-10-0207	BRUSIE, ORRIN		COPAKE	12516	NY
21-10-9213	WEAVER, HAROLD G. JR.	BOX 568 R D 2	HUDSON	12534	NY
21-10-0221	MILLER, HERBERT	SNOOK HILL FARM	COPAKE	12516	NY
21-10-0230	DUTCH ACRES	BOX 37	NORTH CHATHAM	12132	NY
21-10-9236	BRISTOL, ALBERT C.		COPAKE	12516	NY
21-10-0256	EGGERT, CHARLES A. HERD 2	R F D THE HERMITAG	GERMANTOWN	12526	NY
21-10-0291	SCHULERUD, CARL L.	R D 2	VALATIE	12184	NY
21-10-0318	SHELTON, JOHN	SAWCHUCK ROAD	MILLERTON	12546	NY
21-10-9379	CHITTENDEN, S. N.		NEW LEBANON	12125	NY
21-10-9449	COOLEY, RALPH	RD 1	GHEAT	12075	NY
21-10-9471	BEAVER CREEK FARM	RD 1	HUDSON	12534	NY
21-10-0546	EGGERT, CHARLES A. HERD 1	R F D THE HERMITAG	GERMANTOWN	12526	NY
21-10-9590	DORN, FRED	DOREIGH FARMS	NORTH CHATHAM	12132	NY
21-10-9593	DUART FARM	RD 1	HUDSON	12534	NY
21-10-0594	DAWSON, ROBERT	R F D	HILLSDALE	12529	NY
21-10-0601	KAMEFIELD FARM	R F D	HILLSDALE	12529	NY
21-10-0608	DUBOIS, LAWRENCE	R D 1	VALATIE	12184	NY
21-10-9723	MILLER, CLIFTON & HAROLD	R F D 2	ANGRAMDALE	12503	NY
21-10-0727	SCHRAEDER, A. G. AND SONS	R F D	GERMANTOWN	12526	NY
21-10-9912	BRADLEY, J. WARREN	R F D	CHATHAM	12037	NY
21-10-0928	HOYSRADT, HENRY R	R D 1	ANGRAMDALE	12503	NY
21-10-9931	WINTER, ERNEST	BOX 62	CHATHAM CENTER	12039	NY
21-10-0978	SOMMERHOFF, KURT	R D 4	ANGRAMDALE	12503	NY
21-11-0010	DIESCHER, WILLIAM	R D 1	CORTLAND	13045	NY
21-11-0036	WILKINS, JUDSON E.	RFD 1	HOMER	13077	NY
21-11-0050	STOKER, MAX		HOMER	13077	NY
21-11-0052	WEDDLE, STANLEY J. FM 1	R D 1	HOMER	13077	NY
21-11-0056	CUSTER, HARRY FM 1	RD 2	CUYLER	13050	NY
21-11-0082	BROOKS, RICHARD A.	R D 2	HOMER	13077	NY
21-11-9090	MCJUNKIN, REED & ELEANOR	BOX 829	CORTLAND	13045	NY
21-11-0095	BICKFORD, EDWIN JR.	R D 1	EAST FREETOWN	13055	NY
21-11-0099	YOUNG, ERNEST W.	R D 2	CUYLER	13050	NY
21-11-0101	SEARS, FRANCIS	RD 4	CORTLAND	13045	NY
21-11-0105	JONES, DONALD	R D 2	HOMER	13077	NY
21-11-0112	JONES, ROBERT H.	RD 1	HOMER	13077	NY
21-11-0121	GIGLIUTO, JOSEPH	R D 2	HOMER	13077	NY
21-11-0124	WONDERSRING DAIRY FARM	E BEARD & SON R D	CORTLAND	13045	NY
21-11-0161	KNAPP, R. D. AND SON		PREBLE	13141	NY
21-11-0178	WRIGHT, W. AND SON		PREBLE	13141	NY
21-11-0190	STOUGHTON, E. & E.	RD 1	CORTLAND	13045	NY
21-11-0253	WEBSTER, CLAIR	R D 2	HOMER	13077	NY

TABLE 9.--LIST OF HERD OWNERS(CONTINUED)

HERD CODE	NAME OF OWNER	STREET--ROUTE	TOWN	ADDRESS OF OWNER	ZIP-CODE	STATE
21-11-0261	KIMMICH, LEONARD	R D 2	MARATHON		13803	NY
21-11-0268	HARVEY, NORMAN	R D 1	MARATHON		13803	NY
21-11-0288	YOUNG, GERALD O.	R D 1	CORTLAND		13045	NY
21-11-9292	FORD, HOWARD A.	R D 1	CORTLAND		13045	NY
21-11-0480	CREAL, HAROLD		HOMER		13077	NY
21-11-0484	DAVIS, LELAND	R D 4	CORTLAND		13045	NY
21-11-0533	DAVIS, RALPH R.	R D 2	HOMER		13077	NY
21-11-0552	DEHART, RAYMOND	R D 1	CORTLAND		13045	NY
21-11-0611	PERRY, LAWRENCE	R D 2	HOMER		13077	NY
21-11-0654	POTTER, W. H. & SON FM		TRUXTON		13158	NY
21-11-0655	POTTER, W. H. & SON FM	ATT B W POTTER	TRUXTON		13158	NY
21-11-0694	REED BROTHERS	R D 2	CORTLAND		13045	NY
21-11-0727	RIEHLMAN FARM	RD 2	HOMER		13077	NY
21-11-0735	ALEXANDER, CHARLES	R D 1	CORTLAND		13045	NY
21-11-9737	MAGINTIRE, F. & W.	R D 4	CORTLAND		13045	NY
21-11-0862	WILSON, DENNIS	R D 1	DRYDEN		13053	NY
21-11-0873	SELLEN, RODNEY H.	R F D 1	HOMER		13077	NY
21-12-0027	SANFORD, ELTON R.	R D 1	WALTON		13856	NY
21-12-0056	GALLEY, CLAIR	STAR ROUTE	WALTON		13856	NY
21-12-9061	JACKSON, GRAHAM	RIVER RD	WALTON		13856	NY
21-12-0074	SCOTT, RALPH		MARGARETVILLE		12455	NY
21-12-0080	GIFFORD, RICHARD		DEPOSIT		13754	NY
21-12-0096	JOHNSON, WALTER	STAR ROUTE	SIDNEY		13838	NY
21-12-0103	MAIER, FRED	DELHI STAGE	ONEONTA		13820	NY
21-12-0114	ACKLEY, LYNN & ROGER		FRANKLIN		13775	NY
21-12-9133	MERIDALE FARMS 2		MERIDALE		13806	NY
21-12-0139	BANUAT, DAVID C.		BOVINA CENTER		13740	NY
21-12-0181	JACKSON, W. THOMAS	R D 1	WALTON		13856	NY
21-12-0191	BOUTON, RICHARD		ROXBURY		12474	NY
21-12-0199	S. KORTRIGHT VALLEY FARM	M. ACKERMAN BOX 1	SOUTH KORTRIGHT		13842	NY
21-12-9200	KUPPENS BROTHERS		WALTON		13856	NY
21-12-9210	CONKLIN, MERVIN	RD 3	WALTON		13856	NY
21-12-9231	WARD, MILTON		DELHI		13753	NY
21-12-0242	HILSON BROTHERS	ATT CHARLES LITTLE	DELANCY		13752	NY
21-12-0244	HOLLEY, NORTON E.	R D 1	DELANCY		13752	NY
21-12-0256	BUSSY, IVAN H.		HALCOTTSVILLE		12438	NY
21-12-0304	JUMP, BERT	R D # 2	BAINBRIDGE		13733	NY
21-12-0305	THORINGTON, JOHN	RD 1	PRATTSVILLE		12468	NY
21-12-0307	STEVENS, DOUGLAS	FALLCLOVE	DE LANCEY		13752	NY
21-12-9315	MERIDALE FARMS 3		MERIDALE		13806	NY
21-12-0345	WINKLER, OTTO		ANDES		13731	NY
21-12-0355	STURGESS, HAROLD		HOBART		13788	NY
21-12-9361	ICART, PIERRE	ROSES BROOK ROAD	SOUTH KORTRIGHT		13842	NY
21-12-0362	UTTER, LEONARD FM 1	MILL BROOK	MARGARETVILLE		12455	NY
21-12-0371	INMAN, WILLIAM		BOVINA CENTER		13740	NY

TABLE 9.--LIST OF HERD OWNERS (CONTINUED)

HERD CODE	NAME OF OWNER	STREET-ROUTE	TOWN	ZIP-CODE	STATE
21-12-0378	FARVIEW DIVISION	BLACKBERRY ST	STAMFORD	12167	NY
21-12-0384	WHITTAKER, JOSEPH JR.	RD 2	DELHI	13753	NY
21-12-0397	SANFORD, EARL M.		MARGARETVILLE	12455	NY
21-12-0398	RIVERLAND FARM 2		BLOOMVILLE	13739	NY
21-12-0402	HAIT, HERBERT		HOBART	13788	NY
21-12-0454	RICH, GEORGE C.		FRANKLIN	13775	NY
21-12-0456	TAYLOR, RALPH	STAR ROUTE	WALTON	13856	NY
21-12-0479	PROSPECT FARM	ATT CLAUDE COOK	STAMFORD	12167	NY
21-12-0489	KAUFMAN, PETTUS AND CON		FRASER	13753	NY
21-12-9500	FAIRBAIRN, JOHN		ARKVILLE	12406	NY
21-12-0505	KELLET, JOHN		DEPOSIT	13754	NY
21-12-0506	DAMGAARD, JACK		BOVINA CENTER	13740	NY
21-12-0522	LANE, JAMES JR.		ONEONTA	13820	NY
21-12-9533	N.Y.-S. AGRIC.&TECH. INST	DELHI STAGE	DELHI	13753	NY
21-12-0542	HUTTON, RALPH	SHELDON MERRITT	TREADWELL	13846	NY
21-12-0546	COULTER, LEWIS	STAR ROUTE	WALTON	13856	NY
21-12-0550	JENDRZEJEWSKI, JOSEPH		DELHI	13753	NY
21-12-0553	JORDAN, CLIFFORD		MERIDALE	13806	NY
21-12-0575	HUTSON, THOMAS R. FM 1		DE LANCEY	13752	NY
21-12-0610	GAVETT, CHARLES	R D GAVETT FARMS	HAMDEN	13782	NY
21-12-0611	DU MOND, BASIL		WALTON	13856	NY
21-12-0613	MILLER, ROBERT L.	R D 1	FRANKLIN	13775	NY
21-12-0616	GRAY, NELSON		NEW KINGSTON	12459	NY
21-12-0627	LATOURETTE, RICHARD	R D 1	SIDNEY CENTER	13839	NY
21-12-0630	SHIVERS, EMERSON	BOX 32	TREADWELL	13846	NY
21-12-9672	RABELER DAIRY FARM		BOVINA CENTER	13740	NY
21-12-0687	VANVALKENBURG, ROGER L.	R D 1	HARPERSFIELD	13786	NY
21-12-0700	WILSON, BURTON	ELK CREEK	DELHI	13753	NY
21-12-0701	LAMPORT, FRANK JR.	RIVER ROAD	HOBART	13788	NY
21-12-0737	GUNTERT, KARL		EAST MEREDITH	13757	NY
21-12-0739	LEWIS, JOHN L.	R D 3	WALTON	13856	NY
21-12-0745	FRASER HOMESTEAD FARM		FRASER	13753	NY
21-12-0754	MURPHY, WILLIAM J 5	ATT CLAUDE COOK	STAMFORD	12167	NY
21-12-9795	LINZER, DOUGLAS	R D 3	WALTON	13856	NY
21-12-9800	RUSSELL, MILLARD JR.		BOVINA CENTER	13740	NY
21-12-0803	POST, DAVID E.		HOBART	13788	NY
21-12-0819	CONSTABLE, FLORA	STAR ROUTE	WALTON	13856	NY
21-12-0859	SCUDDER, LEIGHTON		FLEISCHMANN'S	12430	NY
21-12-9875	SUTHERLAND, HUGH R.	RFD 1	DELHI	13753	NY
21-12-9934	SMITH, ERNEST & DON FM 2		FRANKLIN	13775	NY
21-12-0977	MARTIN, WENDELL F. JR	R D	SOUTH KORTRIGHT	13842	NY
21-13-0002	DORIEDEALE FARM	PITCHER LANE	RED HOOK	11231	NY
21-13-9004	HANOVER HILL FARM 1	HANOVER STREET	YORKTOWN HEIGHTS	10598	NY
21-13-0013	STARK, JAMES	WEST DOVER ROAD	PAWLING	12564	NY
21-13-0023	DAPPLEMERE FARM	RESRVOIR RD	PAWLING	12564	NY

TABLE 9.--LIST OF HERD OWNERS(CONTINUED)

HERD CODE	NAME OF OWNER	STREET-ROUTE	TOWN	ADDRESS OF OWNER	ZIP-CODE	STATE
21-13-9029	WELLS BROTHERS	RFD 2	MILLBROOK		12545	NY
21-13-0036	CRASTMILL FARM	EZIO CRASTICH	MILLERTON		12546	NY
21-13-0043	HAPEMAN, CHARLES	HAPEMAN HILL ROAD	RED HOOK		12571	NY
21-13-0049	GREIG, ROBERT G.	PITCHER LANE	RED HOOK		11231	NY
21-13-0059	HOLSAPPLE, PENN	R D 2	DOVER PLAINS		12522	NY
21-13-0067	GREEN HAVEN PRISON	ROUTE 216	STORMVILLE		12582	NY
21-13-0102	PEROTTI, FRANK S.	R F D 2	MILLERTON		12546	NY
21-13-0116	DELAVAL RESEARCH FARM	FIELD ROAD	CLINTON CORNERS		12514	NY
21-13-0128	EDGEWOOD FARM	BOX 371	RHINEBECK		12572	NY
21-13-0159	BENEKE, JOACHIM	WILLOWBROOK FMS RD	MILLERTON		12546	NY
21-13-0232	CORBIN, MILTON SR.	DIDDELL ROAD	WAPPINGERS FALLS		12590	NY
21-13-9256	TYMOR FARM	SOUTH ROAD	LAGRANGEVILLE		12540	NY
21-13-9264	WHALEN, RICHARD	R F D	MILLBROOK		12545	NY
21-13-0268	BRUSIE, RALPH & JOHN	HOLLOW ROAD	MILLERTON		12546	NY
21-13-0270	COTSWOLD FARM		CLINTON CORNERS		12514	NY
21-13-0272	KAIN, JOSEPH L.	ROUTE 22	AMENIA		12501	NY
21-13-0273	SHAFFER, HENRY	SMITHFIELD RD	MILLERTON		12546	NY
21-13-0295	GAN ORA FARM	ATTN RAYMOND STICK	PINE PLAINS		12567	NY
21-13-0297	MCENROE, RAYMOND JR.	BARLOW SCHOOL ROAD	MILLERTON		12546	NY
21-13-9309	BARLOW, HENRY & SON	SOUTH AMENIA ROAD	MASSAIC		12592	NY
21-13-9339	WINANS, H. C. AND SON	BRYANT ROAD	PINE PLAINS		12567	NY
21-13-9371	CHASE, DR. KENNETH	R01 ATT R A WRIGHT	PINE PLAINS		12567	NY
21-13-9379	ELLBANK FARM	WINCHELL MT. RD.	MILLBROOK		12546	NY
21-13-9398	CORBELLA, ROGER H		MILLERTON		12545	NY
21-13-9466	WINCHELL MT. FARM		MILLERTON		12546	NY
21-13-0475	MULLER, A. C.	RESERV RD	PAWLING		12564	NY
21-13-0499	HONOUR, HENDERSON	SMITHFIELD ROAD	MILLERTON		12546	NY
21-13-0616	BOS-HAVEN FM 1	DONALD MARSHALL	VERBANK		12585	NY
21-13-9664	PULVER, STANLEY AND SON	WNCHL MT RD	MILLERTON		12546	NY
21-13-0666	DOWNNEY, MAURICE F.	ATT A DOWNEY	MILLERTON		12546	NY
21-13-0672	DUNCAN, KENNETH	COLEMAN STATION RD	MILLERTON		12546	NY
21-13-0704	FISH, LOUIS W. JR. FM 1	LORETTA BROOKS RT	SALT POINT		12578	NY
21-13-0738	BROOKLYND FARMS	SKUNKS MISERY ROAD	PINE PLAINS		12567	NY
21-13-0745	BROOKWOOD FARM	CLV VLLY RD	MILLERTON		12546	NY
21-13-9770	VAIL BROTHERS		LAGRANGEVILLE		12540	NY
21-13-0777	ROSENTHAL, PAUL	FARAWAY FARM	PINE PLAINS		12567	NY
21-13-0789	JACKSON BROTHERS	JACKSON RD	HOPEWELL JUNCTION		12533	NY
21-13-0830	BEL AIR STOCK FARM	ROUTE 44	MILLBROOK		12545	NY
21-13-9966	HILPERTSHAUSER, HARRY	BOSTON CORNERS ROA	MILLERTON		12546	NY
21-14-0021	FEASLEY, WALTER AND SONS	W CHURCH ST	EDEN		14057	NY
21-14-0024	PANKOW, HARRY	CLARENCE CTR RD	AKRON		14001	NY
21-14-9034	SCHINTZIUS, PAUL	WEED HILL ROAD	SOUTH WALES		14139	NY
21-14-0037	PINE GROVE FARMS 1	RICE ROAD	ELMA		14059	NY
21-14-0041	WIDEMAN AND SNYDER	HUNTS CORNER	AKRON		14001	NY
21-14-9086	CHOATE, HUGH	BOX 22	CRITTENDEN		14038	NY

TABLE 9.--LIST OF HERD OWNERS(CONTINUED)

HERD CODE	NAME OF OWNER	STREET-ROUTE	TOWN	STATE	ZIP-CODE
21-14-0095	SASSE, OTTO	GENESEE ROAD	EAST CONCORD	NY	14055
21-14-0110	LAMB, JAY	JENNINGS ROAD	EDEN	NY	14057
21-14-0118	TIMMEL, LESTER	BROWN STREET	COLLINS	NY	14034
21-14-0158	DAISLYN FARM	CLARENCE CTR RD	AKRON	NY	14001
21-14-0162	ALBRECHT, CLAYTON E.	CLARENCE CTR RD	AKRON	NY	14001
21-14-0197	PHILLIPS, CLARK C.	PONTIAC ROAD	ANGOLA	NY	14006
21-14-0204	PERRIN, DONALD & ROBERT	CENTERLINE ROAD	SOUTH WALES	NY	14139
21-14-0233	PALMER, BENNETT JR.	WARNER GULF RD	HOLLAND	NY	14080
21-14-0237	WES POR FARM	556 MICHIGAN AVE	BUFFALO	NY	14200
21-14-0255	HANDY, JAMES	STOLLE ROAD	EAST AURORA	NY	14052
21-14-0258	HAUTH, RICHARD	RT 219	BOSTON	NY	14025
21-14-0260	DUEPPENGLESSER, A.	CLARENCE CTR RD	CLARENCE CENTER	NY	14032
21-14-0263	BREMILLER, WILLIAM N.	MIDDLE ROAD	EAST CONCORD	NY	14055
21-14-0282	LUDERS, HARLAN	SCHULTZ ROAD	ELMA	NY	14059
21-14-0293	SPAUDLING, LYLE	DOMES ROAD	EAST CONCORD	NY	14055
21-14-0294	PINE GROVE FARMS 2	L.I. BROWN TWRORD	EAST AURORA	NY	14052
21-14-0296	SMITH, LEON & SONS	PRATHAM ROAD	EAST CONCORD	NY	14055
21-14-0333	LARKIN, J. C.	LARKIN RD	DERBY	NY	14047
21-14-0397	YOUSEY FARMS	MEHL ROAD	AKRON	NY	14001
21-14-0439	SCHELBLE, ROBERT	ALLEN ROAD	EAST CONCORD	NY	14055
21-14-0453	EMERLING, BERNARD	EMERLING RD	SPRINGVILLE	NY	14141
21-14-0468	BOCKHANN BROTHERS	GENESE RD	EAST CONCORD	NY	14055
21-14-0620	WIEDEMANN, ALAN H.	CURRIERS ROAD	CHAFFEE	NY	14030
21-14-0780	GERNATT, FRANCIS	BROWN ST	COLLINS	NY	14034
21-14-0782	ROTH, MILFORD	STAGE ROAD	CLARENCE	NY	14031
21-14-9878	HANDY, WESLEY AND SON	ELDRIDGE ROAD	EAST AURORA	NY	14052
21-14-0962	FARNER FM ATT JAMES BERG	QUAKER STREET	COLLINS	NY	14034
21-14-0975	BREMILLER, NICHOLAS	PRATHAM RD	EAST CONCORD	NY	14055
21-15-9012	CLARK, DARWIN 3RD	BOX 47	WHALLONSBURG	NY	12994
21-15-0269	WEST, JOHN A.		WILLSBORO	NY	12996
21-15-9301	TREADWELL, JOHN	ATT. EMILE LAROSE	WESTPORT	NY	12993
21-16-9017	ROVA, FRED	RT 2	BURKE	NY	12917
21-16-0027	AUBREY, DAVID	ROUTE 1	FORT COVINGTON	NY	12917
21-16-9091	BROCKWAY, FLOYD & SON	ROUTE 2 M. REYNOLD	BURKE	NY	12917
21-16-0108	SILVER DAWN DAIRY			NY	
21-16-9121	SWANSTON AND MCHARDY	WHITE ST	CHATEAUGAY	NY	12920
21-16-9173	EGAN, JAMES FM 2	ROUTE 2	NORTH BANGOR	NY	12966
21-16-0195	DEBYAH, LEROY	ROUTE 1	NORTH BANGOR	NY	12966
21-16-0381	CHILD, ALLEN	ROUTE 2	MALONE	NY	12953
21-16-0412	MILLER, FREDERICK FM 1	ROUTE 3	MALONE	NY	12953
21-16-0472	DIMOND, JAMES F.	STAR ROUTE	FORT COVINGTON	NY	12937
21-16-0610	DUMAS, PERCY	ROUTE 1	WEST BANGOR	NY	12991
21-16-0621	MOUNT, WARREN	ROUTE 1	FORT COVINGTON	NY	12937
21-16-0639	HEAGLE, ALLAN	ROUTE 1	CONSTABLE	NY	12926
21-18-9010	MY T ACRES INC.	8127 LEWISTON ROAD	BATAVIA	NY	14020

TABLE 9.--LIST OF HERD OWNERS(CONTINUED)

HERD CODE	NAME OF OWNER	STREET-ROUTE	TOWN	ADDRESS OF OWNER	ZIP-CODE	STATE
21-18-0012	BRUNING, DONALD	TESNOW RD	AKRON		14001	NY
21-18-0035	SIERK, NORMAN & MARTIN	1764 BROADWAY	DARIEN CENTER		14040	NY
21-18-0106	IVISON, HOMER	IVISON RD	SOUTH BYRON		14557	NY
21-18-0107	THURBER, ROGER	LEDGE RD	BASOM		14013	NY
21-18-0126	YOUSEY, JOSEPH	JUDGE ROAD	BASOM		14013	NY
21-18-0167	PAGE, CARLOS	GULLY RD	LE ROY		14482	NY
21-18-0223	SEWARD, GORDON	STONE CHURCH	BERGEN		14416	NY
21-18-0232	WAITE, ARLO & SON FM 1	CREEK ROAD	ALEXANDER		14005	NY
21-18-0276	REYNOLDS, EDWARD	ROUTE 77	CORFU		14036	NY
21-18-0367	WERTH, WILBER	DRAKE ST	DAKFIELD		14125	NY
21-18-0417	ACOMB, ROBERT & MARJORIE	RT 5 ACOMB FARM	STAFFORD		14143	NY
21-18-9427	SNELL, ROGER	AIRVILLE RD	CORFU		14036	NY
21-18-0463	GREHLINGER, DUANE	LEWISTON RD	BASOM		14013	NY
21-18-0647	POCOCK, ROBERT & SONS	POCOCK ROAD	BERGEN		14416	NY
21-18-0756	YUNKER, CARL	TRANSIT RD	ELBA		14058	NY
21-18-0893	SHEPARD FARMS	TRANSIT ROAD	ELBA		14058	NY
21-19-0013	WOODWORTH, MILTON		CORNWALLVILLE		12418	NY
21-19-0024	LASHER, WILLIAM H.	RFD 1	CATSKILL		12414	NY
21-19-0028	OLIVER, HENRY L.		PRATTSVILLE		12468	NY
21-19-0067	AUGSTEIN, P. AND R.	R D 1 BOX 165	GREENVILLE		12083	NY
21-19-0103	BRABANT, ROBERT	R D 1	PRATTSVILLE		12468	NY
21-19-0104	LONGE, DORTHEE	GAYHEAD ROUTE	LEEDS		12451	NY
21-19-0112	CONINE, EVERETT	R F D	PRATTSVILLE		12468	NY
21-19-0113	BEAR, ORLOFF		GREENVILLE		12083	NY
21-19-0115	FARBER, JOHN J.	R F D JJF FM	EAST JEWETT		12424	NY
21-19-0316	MACFADDEN, JAMES		DURHAM		12422	NY
21-20-0015	SKINNER, JOHN F.	ROUTE 1	RICHFIELD SPRINGS		13439	NY
21-20-0029	TRE-ART FARM	R D 1	HEKKIMER		13350	NY
21-20-0051	WATKINS, JOHN T.	ROUTE 2	WEST WINFIELD		13491	NY
21-20-0063	KAPALA, MATTHEW	R D 3	LITTLE FALLS		13365	NY
21-20-9064	DEMERE, GEORGE	R D 3	LITTLE FALLS		13365	NY
21-20-0065	FARNELL, THOMAS	R D 2	LITTLE FALLS		13365	NY
21-20-0068	GIFFORD, LYNN & PETER	R D 1	JORDANVILLE		13361	NY
21-20-0123	FINSTER, KENNETH	RD 3	FRANKFORT		13340	NY
21-20-0173	MADISON, ALLEN	STAR ROUTE	WEST WINFIELD		13491	NY
21-20-0212	BRACE, EUGENE HOWARD	ROUTE 1	WEST WINFIELD		13491	NY
21-20-0240	HUXTABLE, EDWARD A.	R D 2 HERD 1	RICHFIELD SPRINGS		13439	NY
21-20-0256	SLAUGHTER AND JONES	R D 1	ILION		13357	NY
21-20-0460	PRIOR, CARL AND SON	ROUTE 1	CLAYVILLE		13322	NY
21-20-9536	DAVY, FRANK	RD 1	FORT PLAIN		13339	NY
21-20-0554	EDICK, HARRY	R D 3	LITTLE FALLS		13365	NY
21-20-0583	WHEELER, EVERETT	R D 2	NEWPORT		13416	NY
21-20-0615	MANHEIM FARMS	R D 1	LITTLE FALLS		13365	NY
21-20-0652	SWARLEA FARMS	R D 1	POLAND		13431	NY
21-20-0660	DON-DALE FARMS	ROUTE 1	FRANKFORT		13340	NY

TABLE 9.--LIST OF HERD OWNERS(CONTINUED)

HERD CODE	NAME OF OWNER	STREET-ROUTE	TOWN	ZIP-CODE	STATE
21-20-0818	BROWN, RICHARD G.	R D 2 BOX 6	MOHAWK	13407	NY
21-20-0981	GETMAN, ROBERT C.	R D 1	MOHAWK	13407	NY
21-21-0039	CALL, CLARENCE	ROUTE 1	EVANS MILLS	13637	NY
21-21-0057	WALDROFF, WILLIAM		LA FARGEVILLE	13656	NY
21-21-0064	ISHAM AND GOLDING		RODMAN	13682	NY
21-21-0103	MCINTYRE, WAYNE	ROUTE 2	THERESA	13691	NY
21-21-0111	CADY, CHARLES F.	RFD 1	SACKETS HARBOR	13685	NY
21-21-0114	BEDOR, J W	43 NORTH PARK STRE	ADAMS	13605	NY
21-21-0146	FOURNIER, ROBERT	RD 1	CHAUMONT	13622	NY
21-21-0148	SHELMIDINE, CLARENCE	R F D	MANNSVILLE	13661	NY
21-21-0151	BROWN, HOWARD A	R D 2	MANNSVILLE	13661	NY
21-21-0236	DURANT, ALLISON		ELLISBURG	13636	NY
21-21-0239	BARNEY, RICHARD		WOODVILLE	13698	NY
21-21-0245	PATTERSON FMS-W PATTERSON	PATTERSON RD	WATERTOWN	13601	NY
21-21-0248	MACHOLD, H. E. FM 2		ELLISBURG	13636	NY
21-21-0259	SHELMIDINE, DONALD W.	R D 1	ADAMS	13605	NY
21-21-0271	ALFORD, HARVEY	RD 2	MANNSVILLE	13661	NY
21-21-0285	WHITECREST FARM	RD 1	ADAMS	13605	NY
21-21-0306	DURR, C. A.	832 MILL ST	WATERTOWN	13601	NY
21-21-0309	EVELEIGH, BERNARD	R D 1	MANNSVILLE	13661	NY
21-21-0326	MACHOLD, H. E. FM 1		ELLISBURG	13636	NY
21-21-0359	EASTMAN, WILLIAM G.	STAR RT	ELLISBURG	13636	NY
21-21-0361	PORTER, GLENN C. FM 2	D. G. PORTER R D 1	ADAMS CENTER	13606	NY
21-21-0397	STAPLIN, GEORGE & DALE	ROUTE 2	WATERTOWN	13601	NY
21-21-0411	NOHLE, RALPH AND DONNA	STAR ROUTE	ADAMS	13605	NY
21-21-0430	TIMERMAN, CLIFTON FM 2	ROUTE 1	LA FARGEVILLE	13656	NY
21-21-0431	TIMERMAN, CLIFTON FM 3	ROUTE 1	LAFARGEVILLE	13656	NY
21-21-0458	SHELMIDINE, E. P.	BOX 81	LORRAINE	13659	NY
21-21-0470	WHITMORE, ROY D.	RT 2	ADAMS	13605	NY
21-21-0526	KIECHLE, CARL L.	ROUTE 1	PHILADELPHIA	13673	NY
21-21-0556	FIELDS, FREDERICK A.	STAR ROUTE	SACKETS HARBOR	13685	NY
21-21-0559	OVERTON, K. A. AND R. M.	RFD 1	ADAMS	13605	NY
21-21-0644	POPE FARMS	RD 1	ADAMS	13605	NY
21-21-0773	LAWRENCE BROTHERS	RD 1	CAPE VINCENT	13618	NY
21-21-0883	JACKSON, MAE	RD 1	SANDY CREEK	13145	NY
21-21-9914	SHIMEL, H. FOSTER & SON	ROUTE 2	LA FARGEVILLE	13656	NY
21-22-0005	HILL, BERNARD	R D 2	LOWVILLE	13367	NY
21-22-0032	HARTLEY, ARLEIGH	R D 1	LYONS FALLS	13368	NY
21-22-0049	SNYDER, GORDEN	ROUTE 1	COPENHAGEN	13626	NY
21-22-0148	WIDRICK, AARON A OR LORE	RD 2 ATT LORENNWIDRI	LOWVILLE	13369	NY
21-22-0163	STEWART, LEON K.	RD 1 DRIFTWOOD ACR	LOWVILLE	13367	NY
21-22-0172	MAROLF, NELSON	ROUTE 1	CASTORLAND	13620	NY
21-22-0197	BOSHART, HAROLD	RD 1 NURSERY VIEW	LOWVILLE	13367	NY
21-22-0237	LEE, MILLER		TURIN	13473	NY
21-22-0441	YANCEY, GERALD	RD 2 BLUE PLATEAU F	LOWVILLE	13367	NY

TABLE 9.--LIST OF HERD OWNERS(CONTINUED)

HERD CODE	NAME OF OWNER	STREET--ROUTE	ADDRESS OF OWNER TOWN	STATE	ZIP--CODE
21-22-0580	FARNEY, HERBERT & WILBUR	R D 2	LOWVILLE	NY	13367
21-22-0581	PETERSON, ROBERT	R D 1	LOWVILLE	NY	13367
21-22-0583	SCHNEIDER, H. AND R.	RD 1	LOWVILLE	NY	13367
21-23-0015	COLLINS BROTHERS	5196 BARBER ROAD	AVON	NY	14414
21-23-0029	MILLWHEEL FARM T. COYNE		AVON	NY	14414
21-23-0033	BEECHER, R. C.	LIVONIA CENTER RD	LIVONIA	NY	14487
21-23-0095	JOHNSON, RALPH	RD	CALEDONIA	NY	14423
21-23-0135	BRIGGS, EDWIN	R D 1	WAYLAND	NY	14572
21-23-0146	KORTH, WILLIAM		CALEDONIA	NY	14423
21-23-0150	DONNAN AND DONNAN		PIFFARD	NY	14533
21-23-0162	WEMETT, ELMER	RD 1	LIMA	NY	14485
21-23-0173	WORTSMAN, FRED	ROUTE 20	AVON	NY	14414
21-23-0201	KURTZ, VINCENT		LIVONIA	NY	14487
21-23-0256	MCEVOY FARMS 2	7613 TOWNLINE ROAD	LIMA	NY	14485
21-23-0352	COLE, LESLIE		AVON	NY	14414
21-23-0490	NAGEL, FREDERICK	R D	PIFFARD	NY	14533
21-23-0491	WYAND, EUGENE	RD	CALEDONIA	NY	14423
21-23-0590	PATRICK, L. AND R.	RD 1	PERRY	NY	14530
21-23-0631	GREER, TOM	LOWERY RD	AVON	NY	14414
21-23-0721	FAM LEA FARMS		CALEDONIA	NY	14423
21-23-0811	COYNE FARMS	R D 1	AVON	NY	14414
21-23-0937	NOBLEHURST FARMS	RD 2	PAVILION	NY	14525
21-23-0984	ANDREWS, MIKE		LEICESTER	NY	14481
21-24-0012	COWAN, HUBERT	R D 2	KIRKVILLE	NY	13082
21-24-0014	DURFEE, W. L. & FAMILY	R D 1	CHITTENANGO	NY	13037
21-24-0020	HARVEY, GLENN	BOX 186	EARLVILLE	NY	13332
21-24-0023	MOYER, RICHARD A.	MCCLELLAN ROAD	DE RUYTER	NY	13052
21-24-0047	BREWER FARM 1	R D 1	ONEIDA	NY	13421
21-24-9061	HEAD, CLYDE AND SON	R D 2	WATERVILLE	NY	13480
21-24-0090	HIRT, IVAN D.	RD 1	NEW WOODSTOCK	NY	13122
21-24-0125	JONES, HARLAN W.	R D 3	CAZENOVIA	NY	13035
21-24-0130	CURTIS, RUSSELL AND SONS	R D 3	CAZENOVIA	NY	13035
21-24-0177	EVANS, RUGER AND SON	R D 1	MORRISVILLE	NY	13408
21-24-9210	SOULE, DAVID F.	R D 2	HAMILTON	NY	13346
21-24-0217	SMITHLAND FARMS	R D 3	CANASTOTA	NY	13032
21-24-0221	BRANAGAN, DONALD L.	R D 2	EARLVILLE	NY	13332
21-24-0239	WASHBON, DONALD F.	R D 3	CAZENOVIA	NY	13035
21-24-0241	NOWER, PAUL	R D 2	HAMILTON	NY	13346
21-24-0255	HURLEY, ROBERT W.	BOX 19	EATON	NY	13334
21-24-0303	JENNY BRUS FM 2	R D 1	EATON	NY	13334
21-24-0332	WILCOX, CLIFFORD	R D 1	EATON	NY	13334
21-24-0337	BURKERT, ELMER J.	R D 1	BOUCKVILLE	NY	13310
21-24-0343	ABER, GLEN & MARJORIE	R D 2	CAZENOVIA	NY	13035
21-24-0384	TUPMEAD FARMS	R 3 LESTER LONG	CANASTOTA	NY	13032
21-24-9491	HEAD, CARLTON	R D 2	WATERVILLE	NY	13480

TABLE 9.--LIST OF HERD OWNERS (CONTINUED)

HERD CODE	NAME OF OWNER	STREET-ROUTE	TOWN	ADDRESS OF OWNER	ZIP-CODE	STATE
21-24-0494	ENSLOW, LAWRENCE	R D 1	GEORGETOWN		13072	NY
21-24-0495	N.Y.S. AGRIC. TECH. INST	BOX P	MORRISVILLE		13408	NY
21-24-0504	WINTERCREST FARMS		PRATTS HOLLOW		13434	NY
21-24-0507	DAMON BROTHERS	R D 1	NEW WOODSTOCK		13122	NY
21-24-0570	SMITHFIELD FARMS	R D 1	PETERBORO		13134	NY
21-24-0657	KELSEY, MONFORD AND SON	R D 4	CANASTOTA		13032	NY
21-24-0661	JUDD, S. H. AND CO.	R D 1	DE RUYTER		13052	NY
21-24-0665	PUSHLOP, VICTOR FM 1	R D 1	CAZENOVIA		13035	NY
21-24-0668	JENNY BROS FM 1	R D 1	EATON		13334	NY
21-24-0671	EVANS, GERALD	R F D 1	GEORGETOWN		13072	NY
21-24-0708	FISHER, ROBERT H.	RD 2	CAZENOVIA		13035	NY
21-24-0738	FISHER FARMS	R D 4	CANASTOTA		13032	NY
21-24-0876	TRASK, PRESTON E.		HAMILTON		13346	NY
21-24-0894	SHEPARD, DAVE & DON FM	R D 1	CAZENOVIA		13035	NY
21-24-0933	NOWER, CLIFFORD E.	R D 2	EARLVILLE		13332	NY
21-24-0966	SNOW, C. W. AND SONS	STAR ROUTE	NORTH BROOKFIELD		13418	NY
21-24-0994	HOLMES, EDMUND L.	R D 1	NEW WOODSTOCK		13122	NY
21-24-0996	HOLMES, M. C. AND SON	R D 3	CAZENOVIA		13035	NY
21-25-0129	GRENTZINGER, E. AND SON	4651 SWEDEN WALKR	BROCKPORT		14420	NY
21-25-0179	EHRENTAUF, JAMES	84 SOUTH MAIN ST	CHURCHVILLE		14428	NY
21-25-0499	ZUBER, WILLIAM	4001 WEST SIDE DRI	CHURCHVILLE		14428	NY
21-25-0561	DENNICREST FARM	1920 GLORIA DRIVE	FAIRPORT		14450	NY
21-25-0658	NICHOLS, C. S.	SCOTTSVLE MUMFORD	MUMFORD		14511	NY
21-25-0674	KLICK, ART AND DON	RUSH MNDN TWLINE	HONEOYE FALLS		14472	NY
21-25-0787	MUNCONY FARMS	270 PINE HILL ROAD	SPENCERPORT		14559	NY
21-25-0791	SMITH, GEORGE AND LES	276 COLBY ROAD	SPENCERPORT		14559	NY
21-25-0862	KOHLMAN, GERALD	211 ROBERTSEN ROAD	CHURCHVILLE		14428	NY
21-26-0017	HUDSON, STANTON & SONS	R D 3	FORT PLAIN		13339	NY
21-26-0041	STOCKWELL BROTHERS	R D 3	FORT PLAIN		13339	NY
21-26-0049	PHILLIPS, LAWRENCE J.	R D 2	AMSTERDAM		12010	NY
21-26-0054	RUSSEL, LINGOLN	R D 1	LITTLE FALLS		13365	NY
21-26-0167	WIDANKA, STEPHEN	R D 1	FORT PLAIN		13339	NY
21-26-0186	BELLINGER, EARL	R D 4	AMSTERDAM		12010	NY
21-26-0219	CUSHING, HAROLD	R D 1	CANAJOHARIE		13317	NY
21-26-0222	CARY, FRED	R D 1	JOHNSTOWN		12095	NY
21-26-0274	SLEZAK, JOSEPH AND SON	R D 2	AMSTERDAM		12010	NY
21-26-0275	BAER, FRED FM 1	R D 1	PALATINE BRIDGE		13428	NY
21-26-0286	MEYERS, RICHARD	R D 1	CANAJOHARIE		13317	NY
21-26-0298	FRASIER, MYRON	R D 1	JOHNSTOWN		12095	NY
21-26-0327	SAMMONS, R. & V. FARM 3	ATT C V SAMMONS RD	JOHNSTOWN		12095	NY
21-26-0337	ARGUTSINGER, BURLIN	R D 2 BOX 408	GLOVERSVILLE		12078	NY
21-26-0457	HUNT, FRANKLIN	R D 1	SPRAKERS		12166	NY
21-26-0459	COUNTRYMAN, CHARLES	R D 1	CANAJOHARIE		13317	NY
21-26-0461	MEAD, WARREN AND SON	R D 2	AMSTERDAM		12010	NY
21-26-0526	PATTERSON, ROGER	R D 1	PATTERSONVILLE		12137	NY

TABLE 9.--LIST OF HERD OWNERS (CONTINUED)

HERD CODE	NAME OF OWNER	STREET-ROUTE	TOWN	ZIP-CODE	STATE
21-26-0798	PHILLIPS, HAROLD	R D 1	PATTERSONVILLE	12137	NY
21-26-0805	MACE, ROBERT	R D 1	SPRAKERS	12166	NY
21-26-0848	ELLSWORTH, WALTER	R D	PALATINE BRIDGE	13428	NY
21-26-0941	SCOTT, MICHAEL	R D 1	AMSTERDAM	12010	NY
21-26-0959	SMITH, DONALD	R D 1	CANAJOHARIE	13317	NY
21-26-0975	HODGE, MERLE		AMES	13317	NY
21-28-9007	KLUMPP, ELMER & SONS	HESS ROAD	APPLETON	14006	NY
21-28-0031	MCCOLLUM, ROBT. & WALTER	R D 2	LOCKPORT	14094	NY
21-28-0089	HASELEY, HARVEY AND SONS	3109 LOCKPORT ROAD	SANBORN	14132	NY
21-28-0100	KROENING, MARTIN	R D 1	SANBORN	14132	NY
21-28-0277	SCHMITT, DANIEL AND SON	R 4 BOX 73	LOCKPORT	14094	NY
21-28-0301	MCCOLLUM, K. D. AND SON	RD 2	GASPORT	14067	NY
21-28-0518	MANN, JOHN A.	5780 RIDGE ROAD	LOCKPORT	14094	NY
21-28-0541	MCCLAY, A. R.		APPLETON	14008	NY
21-29-0012	TYLER, GEORGE F.	ELMER HILL ROAD	ROME	13440	NY
21-29-9017	BURNS BROTHERS	RFD 1	VERNON CENTER	13477	NY
21-29-9022	ANDEREGG, ADOLPH C.	STKS WESTERNVILLE	LEE CENTER	13363	NY
21-29-0030	MOSKIN, MICHAEL	RD 1	WEST BRANCH	13481	NY
21-29-0055	GRENHOLM FARM 1	R D 1	BLOSSVALE	13308	NY
21-29-9075	FUESS, DONALD	RD 1	WATERVILLE	13480	NY
21-29-0094	KIPFER, ALBERT	RD 4	ROME	13440	NY
21-29-0123	JONES, ROY	R D 2	REMSEN	13438	NY
21-29-0126	REGNER, DELLWIN	RD 2	ONEIDA	13421	NY
21-29-0132	TOWNSEND, MAX AND CARL	789 SUMMIT RD	PARIS STATION	13430	NY
21-29-0150	VANHATTEN, HERBERT	PUTMAN ROAD	BARNEVELD	13304	NY
21-29-0194	LAW, WILLIAM M.	RD 1	WESTERNVILLE	13486	NY
21-29-0233	SCHALLENBERG, ROBERT		WESTERNVILLE	13486	NY
21-29-0245	NIGHTINGALE, GERALD	R D 2	BOONVILLE	13309	NY
21-29-0255	SNELL, JOSEPH A.	R D 1	HOLLAND PATENT	13354	NY
21-29-9287	WILLIAMS, GEORGE S.		WEST WINFIELD	13491	NY
21-29-0308	HARRISON, EDWIN S. JR.		CAMDEN	13316	NY
21-29-0365	HARDEN FARM 3	MCCONNELLSVILLE RD	CAMDEN	13316	NY
21-29-0369	MORGAN, RALPH W.	897 SULPHUR SPRGS	SAUQUOIT	13456	NY
21-29-0391	NORMAN, JOHN	R D 2	ROME	13440	NY
21-29-9466	MOSHER, PAUL AND NATHAN	RD 2	VERONA	13478	NY
21-29-0501	HEWITT, OTHELLO A.	R D 1	MADISON	13402	NY
21-29-9556	JONES BROTHERS	RD 1	REMSEN	13438	NY
21-29-0624	GRENHOLM FARM NO 2	R D 1	BLOSSVALE	13308	NY
21-29-0649	HARRIS, ARTHUR	R F D 1	VERONA	13478	NY
21-29-0698	ROBSON BROTHERS	RFD 1	ROME	13440	NY
21-29-0772	ECKEL, VERNE AND SONS	R D 1	BLOSSVALE	13308	NY
21-29-0800	SCHALLENBERG, ROLAND		WESTERNVILLE	13486	NY
21-29-0886	HARDEN FARM 1	MCCONNELLSVILLE RD	CAMDEN	13316	NY
21-29-0905	SHOLTZ, FLOYD & SON	R D 2	ONEIDA	13421	NY
21-30-9010	HORSFORD, CARL AND SONS	RD 1	MARCELLUS	13108	NY

TABLE 9.--LIST OF HERD OWNERS(CONTINUED)

HERD CODE	NAME OF OWNER	STREET-ROUTE	TOWN	ZIP-CODE	STATE
21-30-9014	FISHER, FLOYD	RD 2	SYRACUSE	13200	NY
21-30-9031	HUDSON, A. W. AND SONS	MANORCREST FARMS	CANTILLUS	13031	NY
21-30-0033	BETTINGER, L. AND A.	GREEN LAKE ROAD	KIRKVILLE	13082	NY
21-30-0062	AUNGIER BROTHERS	RD 2	TULLY	13159	NY
21-30-0078	GOODRICH, GRANT		FABIUS	13063	NY
21-30-0091	BRATT, RALPH H.		MEMPHIS	13112	NY
21-30-0095	BARDWELL, ROY & ROBERT	R D 1	TULLY	13159	NY
21-30-9141	RISSE, WILLIAM C.	HERLIMY ROAD R D 2	TULLY	13020	NY
21-30-0151	SPALDING, DAVID M.	R D 2	TULLY	13159	NY
21-30-9189	CRACKYS FARMS	R D 1	FABIUS	13063	NY
21-30-0192	COYE, DONALD		JAMESVILLE	13078	NY
21-30-0198	HUEY, HOWARD	RD 2	SKANEATELES	13152	NY
21-30-9202	GATES HOMESTEAD FARM	RD 1	CHITTENANGO	13037	NY
21-30-0231	SCHNEIDER, WILLIAM & SON	RD 1	ELBRIDGE	13060	NY
21-30-0317	SHUTE, ROBERT J.	R D	TULLY	13159	NY
21-30-0348	BENDER, M. PHILLIP	R D 1 KINGDOM ROAD	BALDWINVILLE	13027	NY
21-30-0349	CATES, ROBERT	OTISCO VALLEY RD	PREBLE	13141	NY
21-30-0478	LIPE, WILLARD	POMPEY CENTER RD	MANLIUS	13104	NY
21-30-0528	GOODEN, HERBERT	RD 1	MARCELLUS	13108	NY
21-30-0532	KNAPP, DONALD & SON	R D 1	FABIUS	13063	NY
21-30-0695	FENLON BROTHERS	RD 1	TULLY	13159	NY
21-30-9803	RAUS, WILLIAM	RD	MARIETTA	13110	NY
21-30-0821	COMLES, YALE AND SON	R D 1	MARIETTA	13110	NY
21-30-0854	HAYNES FARM	R D 1	TULLY	13159	NY
21-30-0898	MULROY DAIRY FARM	RD 1	MARCELLUS	13108	NY
21-30-9960	MAPLE COVE FARM	RD 2	MANLIUS	13104	NY
21-30-0969	HILL, ROBERT K.	RD 1	ELBRIDGE	13060	NY
21-30-0976	CREGO, WILLIAM	R D 4 HERD 2	BALDWINVILLE	13027	NY
21-31-0002	BROCKLEBANK, EDWARD	R D 3	CANANDAIGUA	14424	NY
21-31-0007	STANSWISS FARM	RFD 2	CANANDAIGUA	14424	NY
21-31-0013	KNEUT, ROBERT	R D 1	CLIFTON SPRINGS	14432	NY
21-31-0019	PAYNE BROTHERS		SHORTSVILLE	14548	NY
21-31-0038	LIGHTFOOTE, JOHN	R D 2	STANLEY	14561	NY
21-31-0040	DONK, PAUL & SON	R D 1	CLIFTON SPRINGS	14432	NY
21-31-0046	CHRISTIENSEN, JOHN & SON	R D 2	CLIFTON SPRINGS	14432	NY
21-31-0094	SULLIVAN, JAMES	RD 2	HOLCOMB	14469	NY
21-31-0104	SHOEMAKER, CHARLES & SON	RD 2	CLIFTON SPRINGS	14432	NY
21-31-0212	DAMASKE BROTHERS	653 CO RD NO 3 R D	VICTOR	14564	NY
21-31-0215	WEIGERT, ROBT ROBWE F M	256 BOWERMAN ROAD	MACEDON	14502	NY
21-31-0221	YAUTZEY BROTHERS	RD 1	STANLEY	14561	NY
21-31-0234	GILLAM BROTHERS	RD 2	CLIFTON SPRINGS	14432	NY
21-31-0244	VOAK, CARLTON E	R F D 4	PENN YAN	14527	NY
21-31-0305	BENNETT FMS ATT D KIMBAL	R D 2	HOLCOMB	14469	NY
21-31-0330	ZEGER, GEORGE	R D 1	PHELPS	14532	NY
21-31-0389	OWEN, THOMAS	WESTLEY ROAD	WEST BLOOMFIELD	14585	NY

TABLE 9.--LIST OF HERD OWNERS(CONTINUED)

HERD CODE	NAME OF OWNER	ADDRESS OF OWNER			STATE
		STREET-ROUTE	TOWN	ZIP-CODE	
21-31-0446	REED, HARRISON	R D 1	HEMLOCK	14466	NY
21-31-0490	CROWLEY, GUY	HERNDEEN ROAD	SHORTSVILLE	14548	NY
21-31-0525	NORTH BROTHERS	RD 2	VICTOR	14564	NY
21-31-0601	PECK, ELMER	RD 1	NEWARK	14513	NY
21-31-0621	DURKEE, GEORGE AND SON	R D 2	CLIFTON SPRINGS	14432	NY
21-31-0661	PRITCHARD BROTHERS	R D 4	CANANDAIGUA	14424	NY
21-31-0693	REED, ALBERT	RD 1	CLIFTON SPRINGS	14432	NY
21-31-0738	INGLIS, BURTON	RD 2	CLIFTON SPRINGS	14432	NY
21-32-0003	SCOVILLE, PARKER	RD 1	GOSHEN	10924	NY
21-32-0014	HOWELL, WILLIAM S.	R D 1	NEW HAMPTON	10958	NY
21-32-0026	HANSEN, ALBERT		JOHNSON	10933	NY
21-32-9031	WISNER FARMS INC.	R D 1	WARWICK	10990	NY
21-32-0045	RAKOWIECKI, STANLEY	R F D 1 STATION RD	SALISBURY MILLS	12577	NY
21-32-0050	WILLIAMSON, CHESTER	R D 1	WESTTOWN	10998	NY
21-32-0065	CONSTABLE, GEORGE		UNIONVILLE	10988	NY
21-32-0076	MEADOW VISTA FARM	61/2 STA RD BX 15R	GOSHEN	10924	NY
21-32-9080	BAIRD, P. M. AND SONS	R D 1	CHESTER	10918	NY
21-32-9094	BROWN, ARTHUR AND LEON	R D 1	WESTTOWN	10998	NY
21-32-9097	JOHNSON, C. F. AND SON	BOX 277	CHESTER	10918	NY
21-32-0113	BRINK, JAMES L & SON	R D 1	WESTTOWN	10998	NY
21-32-9124	FOX, ROBERT C.		ROCK TAVERN	12575	NY
21-32-0125	STANLEY, CHARLES	R D 2 BAILEY ROAD	MONTGOMERY	12549	NY
21-32-9139	MENENDEZ, M. AND SONS	RD 2	WALDEN	12586	NY
21-32-0147	EDSALL, HARRY C.	R D 1	PINE ISLAND	10969	NY
21-32-0163	BAXTER, HAROLD F.	R D 2 MT AIRY ROAD	NEWBURGH	12550	NY
21-32-9174	OGDEN, RALPH E.		MOUNTAINVILLE	10953	NY
21-32-0176	FORD, HENRY J.	R D 1 BOX 37F	WESTTOWN	10988	NY
21-32-0180	KOLK, KENNETH S.	R F D 1 BOX 146	GOSHEN	10924	NY
21-32-0181	PENNINGS, JACOB	BOX 500	WARWICK	10990	NY
21-32-0182	BROOKS, VICTOR	R D 2 BOX 212	WARWICK	10990	NY
21-32-9193	KOLK, NICHOLAS H.	R F D 1 BOX 140	GOSHEN	10924	NY
21-32-0195	LACROCE, JOHN	R D 4	MIDDLETOWN	10940	NY
21-32-0202	LACROCE, VINCENT	R D 2	PORT JERVIS	12771	NY
21-32-0206	HOSKINS, LESTER & SONS	R D 1	MIDDLETOWN	10940	NY
21-32-0208	BRADY, THOMAS	R D 1 BRADY ROAD	WARWICK	10990	NY
21-32-0209	SCHUTT, HARRY C.	SCHUTT ROAD	MIDDLETOWN	10940	NY
21-32-0234	CIESLEWITZ, JOHN JR.	R D 3	MIDDLETOWN	10940	NY
21-32-0280	PALEN, WILLARD	R D 1 BOX 98	GOSHEN	10924	NY
21-32-0352	WATKINS, J. S.	RD 1	CAMPBELL HALL	10916	NY
21-32-0454	RAKOWIECKI, CHESTER & SO	R D 1 STATION RD	SALISBURY MILLS	12577	NY
21-32-0461	COUSER, DOUGLAS D.	R D 2	MONTGOMERY	12549	NY
21-32-0512	STEVES, E. R. JR.	SOUTH ST ROUTE 208	WASHINGTONVILLE	10992	NY
21-32-0538	OBRIEN, JOHN AND DEAN	R D 4	MIDDLETOWN	10940	NY
21-32-0569	C. AND R. FARMS INC.	ROUTE 52 BOX 550	WALDEN	12586	NY
21-32-0653	DETCH, ALLEN		BULLVILLE	10915	NY

TABLE 9.—LIST OF HERD OWNERS (CONTINUED)

HERD CODE	NAME OF OWNER	STREET-ROUTE	TOWN	ZIP-CODE	STATE
21-32-9695	ELMORE, FLOYD		SLATE HILL	10973	NY
21-32-0716	HANSEN, HAROLD & RICHARD		UNIONVILLE	10988	NY
21-32-0812	SEACORD, H. S. & SON	GOODWILL ROAD	MONTGOMERY	12549	NY
21-32-9851	SZOLD, H. J.		WASHINGTONVILLE	10992	NY
21-32-0853	VANDERWEERT, C.	R D	CHESTER	10918	NY
21-32-9366	SEARS, BENJAMIN D.	BOX 34	BLOOMING GROVE	10914	NY
21-33-0002	BENNETT, DOUGLAS & LINDA	1016 POINT BREEZE	KENT	14477	NY
21-33-0020	WILKINS, ARTHUR W.	R D 3	ALBION	14411	NY
21-33-0048	HICKS, HERMAN	R D 2	ALBION	14411	NY
21-33-0102	KNIGHTS, WILLIAM JR.	BOX 2	KNOWLESVILLE	14479	NY
21-33-0149	RUHLEN, MAURICE	R D 1	ELBA	14058	NY
21-33-0517	MAXON FARMS	HINDS ROAD	HOLLEY	14470	NY
21-33-9669	COOK AND KLOTZBACK	RD 3	MEDINA	14103	NY
21-33-0817	NICE, ROBERT K. AND SON	R D 4	ALBION	14411	NY
21-33-0895	BEACH, CHARLES L.	RD 3	ALBION	14411	NY
21-34-0004	HILTON, DORWIN	RD 3	CATO	13033	NY
21-34-0042	BOWERING, EDWARD	R 5	FULTON	13069	NY
21-34-0074	SUMMERVILLE, W. H. & SON	R F D 1	FULTON	13069	NY
21-34-0095	DON HAVEN FARMS	R 5	FULTON	13069	NY
21-34-9100	LACASSE, JOHN W.	R D 2	PARISH	13131	NY
21-34-0102	ROGERS, LURRY	ROUTE 2	FULTON	13069	NY
21-34-0282	SMITH, LAWRENCE	R D 1	RICHLAND	13144	NY
21-34-0402	MEYERS, ROBERT F.	R D 2	CENTRAL SQUARE	13036	NY
21-34-0603	SEELEY BROOK FARM	DRUCE BROS R D 2	FULTON	13069	NY
21-34-0665	OJA, ARTHUR AND DONALD	R D 1	PENNELVILLE	13132	NY
21-34-9749	STONELL, CLAIR	RD 2	HANNIBAL	13074	NY
21-34-0758	RANDALL, VERNON	R D 1	REDFIELD	13437	NY
21-34-0841	DON - LEE FARM	RD 2	PULASKI	13142	NY
21-34-0878	BELL, KENNETH AND SONS	RD 1	PENNELVILLE	13132	NY
21-34-0884	KARBOSKI, FRANK		PARISH	13131	NY
21-34-0890	HARRIS, JAMES	R D	WILLIAMSTOWN	13493	NY
21-35-0016	GUNNING, HENRY L. JR.	R D 1	COOPERSTOWN	13326	NY
21-35-0023	AMES, ALBERT E.	R D 1	RICHFIELD SPRINGS	13439	NY
21-35-9029	FASSETT, K. AND M.		EAST SPRINGFIELD	13333	NY
21-35-9044	FASSETT, ERWIN	RFD 1	EAST SPRINGFIELD	13333	NY
21-35-0050	HUNTINGTON, LS & SONS INC		WESTFORD	13488	NY
21-35-0051	BAUERNFELD, DAVID	STAR ROUTE	CHEERY VALLEY	13320	NY
21-35-9067	KEENE, R. E. AND J. W.	RD 2	GILBERTSVILLE	13776	NY
21-35-0070	SMITH, ALBERT AND SONS	RD 2	WORCESTER	12197	NY
21-35-9071	WILSON, CLAUDE	RD 2	COOPERSTOWN	13326	NY
21-35-9073	BACKUS, MRS. ESTHER	BOX 5	HARTWICK SEMINARY	13349	NY
21-35-0089	MORLHOUSE, BEN		GARRATTSVILLE	13342	NY
21-35-9090	IRQUOIS FARM		COOPERSTOWN	13326	NY
21-35-0108	UYE, HOMER	RD 1	WEST WINFIELD	13491	NY
21-35-0126	LANE, RAYMUND	R D 1	CHEERY VALLEY	13320	NY

TABLE 9.---LIST OF HERD OWNERS(CONTINUED)

HERD CODE	NAME OF OWNER	STREET-ROUTE	TOWN	ZIP-CODE	STATE
21-35-0135	GOLJA, FRED	RD 1	WORCESTER	12197	NY
21-35-0141	BEILBY, SMITH FM 1	R D 2	OTEGO	13825	NY
21-35-0143	HIGGINS, R. AND SON	RFD 1	BURLINGTON FLATS	13315	NY
21-35-0246	CARNRIKE, RAYMOND	R D 2	EDMESTON	13335	NY
21-35-0248	BROWN, RUSSELL	R D 2	WEST WINFIELD	13491	NY
21-35-0263	KERSMANC, J. AND T.	R D 2	WORCESTER	12197	NY
21-35-0273	MILFER FARM	RM 3111 120 BROADW	NEW YORK 5	10005	NY
21-35-0289	BURROWS, GUY	RFD 2	UNADILLA	13849	NY
21-35-0301	WALKE, HARRY	R D 1	SCHENEVUS	12155	NY
21-35-0307	PERRY AND MOENNICH	R D 2	SCHENEVUS	12155	NY
21-35-9309	JOHNSON, R. N. & R. H.	R D 1	UNADILLA	13849	NY
21-35-0333	KALLAN, M. AND SONS	R D 1	HARTWICK	13348	NY
21-35-0357	MARTIN, LESTER	R D 2	MILFORD	13807	NY
21-35-0369	MALONE, KATHERINE	R D 2	MORRIS	13808	NY
21-35-0381	MAYNE, LOWELL & SON	STAR ROUTE	BURLINGTON FLATS	13315	NY
21-35-0385	ZOLLER, ROLLIN	R D 2	WEST WINFIELD	13491	NY
21-35-9427	WALRATH, R. Y.	STAR ROUTE	EAST SPRINGFIELD	13333	NY
21-35-0450	COPE, LEWIS AND SON	R F D 3 FARM 4	EAST SPRINGFIELD	13333	NY
21-35-0458	HUNTINGTON, L S & SONS IN	R F D 1	COOPERSTOWN	13326	NY
21-35-0466	JOHNSON, LEO L. JR.	R D 1	WEST EDMESTON	13485	NY
21-35-0507	GREEN, AMBROSE C. & SONS	R D 1	SCHENEVUS	12155	NY
21-35-0559	CHARLOTTE VALLEY FARMS	R D 1 R W BALDWIN	WORCESTER	12197	NY
21-35-0565	WHITEHOLM FARMS	RD 3	ONEONTA	13820	NY
21-35-9668	GILLIS, DAVID	R D 1	BURLINGTON FLATS	13315	NY
21-35-0683	RATHBUN, DEAN AND SON	R D 1	COOPERSTOWN	13326	NY
21-35-9833	LOW, MRS. G. AND SON	R D 1	MILFORD	13807	NY
21-37-0007	HERRINGTON, ROBERT R.	R D 1	SCHAGHTICOKE	12154	NY
21-37-9033	HERRINGTON, SHERMAN	R D 2	HOOSICK FALLS	12090	NY
21-37-9084	HOAG, JOHN	R D 1	NORTH BENNINGTON	05257	VT
21-37-0095	CIPPERLY, FRANK	R D 1	HOOSICK FALLS	12090	NY
21-37-9102	SUSKO, EDWARD	R D 4	TROY	12180	NY
21-37-9138	WOOD, RICHARD H.	R F D	SCHODACK LANDING	12156	NY
21-37-0139	MCMAHON, JOHN F.	R D 2	PETERSBURG	12138	NY
21-37-0538	MARBOT, ALEXANDER & SONS	R D 4	BUSKIRK	12028	NY
21-37-9558	OTTMAN, ROY E.	R D 4	TROY	12180	NY
21-37-9609	WILEY, NEWTON & PAUL HD	R D 2	JOHNSONVILLE	12094	NY
21-39-9025	THOMPSON, ROBERT JR.	RD 1	OGDENSBURG	13669	NY
21-39-0061	THEOBALD, KENNETH	R D 2	CANTON	13617	NY
21-39-0113	BURDICK, CLAUDE	ROUTE 1	NDRWOOD	13668	NY
21-39-0118	BYRNS, RICHARD	ROUTE 5	GOVERNEUR	13642	NY
21-39-0156	BENNETT AND ROSENBAKER				
21-39-0201	PUTMAN, DALE	ROUTE 1	ANTWERP	13608	NY
21-39-0229	BENEDICT, STEWART	ROUTE 4	HEUVELTON	13654	NY
21-39-0232	MILLARD, W. PHILIP	ROUTE 4	MASSENA	13662	NY
21-39-0288	WHITMORE, MERRILL	RD 1	GOVERNEUR	13642	NY
			CANTON	13617	NY

TABLE 9.--LIST OF HERD OWNERS(CONTINUED)

HERD CODE	NAME OF OWNER	STREET--ROUTE	ADDRESS OF OWNER TOWN	ZIP--CODE	STATE
21-39-0385	ALLGATES FARM, INC	BOX 98	BRIER HILL	13614	NY
21-39-0438	TYLER, KEITH	RD1 BUTTERNUT RIDG	GOVERNEUR	13642	NY
21-39-0476	THEOBALD, GEORGE L	90 PIERPONT AVENUE	POTSDAM	13676	NY
21-39-0478	RODEE, WILLIAM L.	R D 2	CANTON	13617	NY
21-39-0529	WESTON, KENNETH AND SON	R D 1	POTSDAM	13676	NY
21-39-9534	NY'S AGRIC. & TECH. INST.	RD4 ATT LES RAWLIN	CANTON	13617	NY
21-39-0575	DRUMMOND, NORMAN	RFD 2	HEUVELTON	13654	NY
21-39-0584	MCNEIL, JAMES	ROUTE 1	OGDENSBURG	13669	NY
21-39-0637	REYNOLDS, WALLACE	ROUTE 4	GOVERNEUR	13642	NY
21-39-0678	RANDALL, A. W. AND SON		GOVERNEUR	13642	NY
21-39-0922	SIPHER, ERTON		GOVERNEUR	13642	NY
21-39-9996	STACY, DON L. AND SON	MAPLE DRIVE FM RD1	CANTON	13617	NY
21-40-0023	PECK, FREDERICK J.	RD 1	SCHUYLERVILLE	12871	NY
21-40-0047	ARMER, HILEY	R D 1	BALLSTON SPA	12020	NY
21-40-9049	ARNOLD, ELWOOD	RFD 3	AMSTERDAM	12010	NY
21-40-0050	ARNOLD, RUSSELL	RD 3	AMSTERDAM	12010	NY
21-40-0063	KING, EDGAR A.	RFD 1	SCHUYLERVILLE	12871	NY
21-40-0067	MORRISON, GEORGE	R F D 2	FORT EDWARD	12828	NY
21-40-0073	DRUMMLAND FARM	R D 1	SCHUYLERVILLE	12871	NY
21-40-0081	LEVEL RANGE FM	R D 1	GANSEVOORT	12831	NY
21-40-9115	SUGAR HILL FARM	R F D 1	REXFORD	12148	NY
21-40-0124	BULLARDS ORCHARD, INC.		SCHUYLERVILLE	12871	NY
21-40-9254	WEED BROTHERS	RD 2	BALLSTON LAKE	12019	NY
21-40-0585	DONNAN, HUME	HUME DONNAN	GALWAY	12074	NY
21-40-0733	LANG, MARTIN J. & SON	R D 2	BALLSTON SPA	12020	NY
21-40-0811	MILLS, J. P.	R D 1	GALWAY	12074	NY
21-40-9845	PLOTTERKILL FARM	AYRSHIRE BREEDERS	BRANDON	05733	NY
21-40-9866	PINE GROVE FARMS	RD 1	DUANESBURG	12056	NY
21-40-9982	PECK, WILLIAM	BOX 143	SCHUYLERVILLE	12871	NY
21-42-0015	KROENCKE, CLAUD G.	R D 2	COBLESKILL	12043	NY
21-42-9022	FRANCE, ARLTON		SEWARD	12199	NY
21-42-9027	N.Y.S. AGR.&TECH. INST.	ATT W. J. CLARK	COBLESKILL	12043	NY
21-42-0029	PRZYSIECKI, WM. J.	R F D 2	SCHOHARIE	12157	NY
21-42-0033	CROSBY, HOWARD	R D 1	SPRAKERS	12166	NY
21-42-0088	KEYSER, GEORGE H. & SONS		ESPERANCE	12066	NY
21-42-0132	BECKER, ROGER		COBLESKILL	12043	NY
21-42-0137	SCHULTZ BROTHERS	R F D 2	SCHOHARIE	12157	NY
21-42-0155	PALMER, C. AND SON	R D 2	COBLESKILL	12043	NY
21-42-0162	NISSEN, ARNE	R D 1	COBLESKILL	12043	NY
21-42-0181	HAIT, HAROLD		JEFFERSON	12093	NY
21-42-9192	KLEINBERGER, PAUL	GREAT BIRCH FARM	SHARON SPRINGS	13459	NY
21-42-0198	VANWIE, LESLIE	STAR ROUTE	MIDDLEBURG	12122	NY
21-42-9221	LYNK, CHARLES AND WILLAR	R D 1	SHARON SPRINGS	13459	NY
21-42-0254	BROWN, ROBERT S. SR.	BOX 9C	SLOANSVILLE	12160	NY
21-42-0265	GUERNSEY, GERALD FM 1	R D	COBLESKILL	12043	NY

TABLE 9.--LIST OF HERD OWNERS (CONTINUED)

HERD CODE	NAME OF OWNER	STREET-ROUTE			ADDRESS OF OWNER		ZIP-CODE	STATE
					TOWN			
21-42-0269	BUCK, CHARLES N.				JEFFERSON		12093	NY
21-42-0292	MADE, STEWART G.	R D 1			GILBOA		12076	NY
21-42-0353	WITT, HENRY				MIDDLEBURG		12122	NY
21-42-0370	VANDERVEEN, SEYMOUR A.	R F D 1			DELANSON		12053	NY
21-42-9492	NAHRWOLD, ARTHUR	R D 1			MIDDLEBURG		12122	NY
21-42-0508	DANFORTH, GEORGE				JEFFERSON		12093	NY
21-42-0554	DEMAREST, ROBERT FM 1				JEFFERSON		12093	NY
21-42-9739	SWISSLAND FARM	R D			COBLESKILL		12043	NY
21-42-0746	FRASIER, CECIL	R D 1			RICHMONDVILLE		12149	NY
21-42-9751	SCHUYLER, P. AND SON	RD 1			COBLESKILL		12043	NY
21-42-0757	ZELLER, T. & BOUCK, L. J	BOX 32			SHARON SPRINGS		13459	NY
21-42-0806	JOHNSON, BYRON	R D			LAWYERSVILLE		12113	NY
21-42-0807	RICKARD, GEORGE	QUARRY ST			COBLESKILL		12043	NY
21-43-0642	ROGERS, J. L.	RD 1			ALPINE		14805	NY
21-43-0088	HUEY, RICHARD	R D 1			ROCK STREAM		14878	NY
21-43-9287	BURR, CHARLES E.	RD 2			TRUMANSBURG		14886	NY
21-43-9483	MURPHY, DANIEL				HECTOR		14841	NY
21-44-0006	DAWN HILL FARM				LODI		14860	NY
21-44-0009	SAUNDERS, EVERETT K.	R D 1			SENECA FALLS		13148	NY
21-44-0015	SODUS SPRINGS FARMS	WM MCCOY & SON R D			INTERLAKEN		14847	NY
21-44-0036	DIAMOND, SEYMOUR	R D 2			OVID		14521	NY
21-44-9048	SHUSTER, CARL AND SON	RFD 1			SENECA FALLS		13148	NY
21-44-0056	MURRAY, DANIEL J.	R F D 2			SENECA FALLS		13148	NY
21-44-0066	STAHL, BRUCE W.	RD 2 BOX 132			SENECA FALLS		13148	NY
21-44-9143	BELL, LEWIS				INTERLAKEN		14847	NY
21-44-0177	KIME, ROBERT C.	RD3 BOX 379			GENEVA		14456	NY
21-44-0178	MYER, LECUNTE				OVID		14521	NY
21-44-0182	VANCLEEF, LAWRENCE	R D 1			SENECA FALLS		13148	NY
21-44-0235	BEL STEIN FARMS				ROMULUS		14541	NY
21-44-0536	MARSHALL, HERBERT	R F D 2			WATERLOO		13165	NY
21-44-0640	DEAN, RAY AND SON	R F D 2			SENECA FALLS		13148	NY
21-44-0838	UPDIKE, MALCOLM	RFD 2			INTERLAKEN		14847	NY
21-44-9933	SMITH, E. R.				SENECA FALLS		13148	NY
21-45-0006	HOPKINS, LISLE				BATH		14810	NY
21-45-0014	EMO, WALTER	R D 1			ARKPORT		14807	NY
21-45-0031	KUHL, ARTHUR	RD 2			LAWRENCEVILLE		16929	PA
21-45-0090	KETCH, WILLIAM	R F D 1			COHOCTON		14826	NY
21-45-0120	PRUTSMAN, ARNOLD V.	R D 1			TROUPSBURG		14885	NY
21-45-9155	KETCH, BURTON FM 1				BATH		14810	NY
21-45-0164	HUNT, WILLIAM	R D 1			RATHBONE		14875	NY
21-45-0170	SCHENCK, LUMAN	R D 1			GREENWOOD		14839	NY
21-45-0171	PLAISTED, MERTON	R D 1			HAMMONDSPORE		14840	NY
21-45-0198	BOSSARD, C. A. & SON	R F D 2			CANISTEO		14823	NY
21-45-0199	ROSSARD, HAROLD	R D 2			CANISTEO		14823	NY
21-45-9219	MEAD, WILBUR AND LARRY	MEAD FARMS R D 3			HORNELL		14843	NY

TABLE 9.--LIST OF HERD OWNERS(CONTINUED)

HERD CODE	NAME OF OWNER	STREET--ROUTE	TOWN	ADDRESS OF OWNER	ZIP-CODE	STATE
21-45-0224	KILLIGREW, GERALD	R D 1	LINDLEY		14858	NY
21-45-0238	WARRINER, WAYNE AND SONS	R D 1	GREENWOOD		14839	NY
21-45-0288	BUTTON, CHARLES A. & SON	BOX 29	JASPER		14855	NY
21-45-0292	WHITNEY, HENRY	R D 2	CAMPBELL		14821	NY
21-45-0363	WHITCOMB, R. K. & M. L.	R D 1	CORNING		14830	NY
21-45-0392	VAN SKIVER, EDGAR	R D 1	JASPER		14855	NY
21-45-0452	SCHWINGLE BROTHERS	R F D 1	ATLANTA		14808	NY
21-45-0599	DRAKE VALLEY FARMS	R D 2	WOODHULL		14898	NY
21-45-0621	BEACH, THOMAS JR.	RD 2	ARKPORT		14807	NY
21-45-0725	KANE, THOMAS	RD 2	ADDISON		14801	NY
21-45-0772	BOSSARD, WILLIAM	R D 1	HORNELL		14843	NY
21-45-0785	GESSNER, ARTHUR	R D 1	PERKINSVILLE		14529	NY
21-45-0888	HARKENRIDER, PAUL J.	R D 1	REXVILLE		14877	NY
21-45-0894	OSBORN, STANLEY & SONS FM	R D 1	ARKPORT		14807	NY
21-47-0015	ACKERLEY FARMS	BOX 173	GRAHAMSVILLE		12740	NY
21-47-0026	KELLER, CALVIN	R D 1	CALLICOON CENTER		12724	NY
21-47-0043	BONNELL, ROSS	R D 1	GRAHAMSVILLE		12740	NY
21-47-0055	YASGUR FARMS 1	DRAWER 3	BETHEL		12720	NY
21-47-0061	MANOUSE, TED	ATT HANER & SONS RD	CALLICOON		12723	NY
21-48-0022	HANER, ALBRO		NICHOLS		13812	NY
21-48-0081	HOLLENBECK, G. C.	RD 1	CANDOR		13743	NY
21-48-0097	THOLEN BROTHERS	493 CATATONK HILL	CANDOR		13743	NY
21-48-0116	LAWTON, MERLE FM 1	R D 1	NEWARK VALLEY		13811	NY
21-48-0149	LEONARD, MAX AND SON	R D 2	BERKSHIRE		13736	NY
21-48-0180	AYRES, EUGENE	R D 1	BARTON		13734	NY
21-48-0182	SIMKIN, ALLEN H.	RD 1	NICHOLS		13812	NY
21-48-0186	FOSTER, WILLARD	R D 2	OMEGO		13827	NY
21-48-0344	ROBINSON, J. RIKER	R. D. 1	OMEGO		13827	NY
21-48-0441	MOORE, GUY AND SONS	RD 1	NICHOLS		13812	NY
21-48-0580	CAMPBELL, CHARLES B.	R D 1	NICHOLS		13812	NY
21-48-9879	HANER, C. L. AND SONS	R D 1	NICHOLS		13812	NY
21-49-0003	BRINK, MILLARD	706 ELMIRA ROAD	ITHACA		14850	NY
21-49-0014	MARSHALL, EDWARD H.	RD 6	ITHACA		14850	NY
21-49-0017	HLEBOSKI, ADDISON	R F D 2	GROTON		13073	NY
21-49-0039	AASEN, RAYMOND		LUDLOWVILLE		14862	NY
21-49-0044	HUNTER FARM, THE	R F D 2	GROTON		13073	NY
21-49-0075	C. U. NUTRITION FARM	MORRISON HALL	ITHACA		14850	NY
21-49-0080	SLOAN, MALCOLM M.	ANCHOR CREST FM RD	ITHACA		14850	NY
21-49-0089	HATFIELD, CHARLES M.	R F D 2	FREEVILLE		13068	NY
21-49-0090	TEETER, JAMES	RFD 5	ITHACA		14850	NY
21-49-9101	CORNELL UNIVERSITY	AN HUB DEPT	ITHACA		14850	NY
21-49-0102	COOK, GORDON H.		LUDLOWVILLE		14862	NY
21-49-9104	CORNELL UNIVERSITY	AN HUB DEPT	ITHACA		14850	NY
21-49-0148	ALDRICH, LEON E.	R D 3	ITHACA		14850	NY
21-49-0154	DAVALL, RONALD N.	R F D 1	DRYDEN		13053	NY

TABLE 9.--LIST OF HERD OWNERS (CONT INUED)

HERD CODE	NAME OF OWNER	STREET-ROUTE	TOWN	ZIP-CODE	STATE
21-49-0156	NEDROM, BROTHERS	R D 1	LUDLOWVILLE	14862	NY
21-49-0158	BENSON, NORMAN	R D 1	GROTON	13073	NY
21-49-0171	QUAILE, ROBT. W & SON	R F D 2	GROTON	13073	NY
21-49-0174	KEECH, L. M. AND SON	R D 1	DRYDEN	13053	NY
21-49-0298	SALTSMAN, FRED	ROUTE 2	CORTLAND	13045	NY
21-49-9452	CORNELL UNIVERSITY	AN HUB DEPT	ITHACA	14850	NY
21-49-0535	DAVIS, WILLIAM L.	403 AUBURN ROAD	LUDLOWVILLE	14862	NY
21-49-0589	DORN, FLOYD		BROOKTONTDALE	14817	NY
21-49-0770	ROMEO, JOE AND SONS	R F D 1	DRYDEN	13053	NY
21-49-9788	WRIGHTHILL FARMS	R F D 1	FREEVILLE	13068	NY
21-49-0973	MARQUIS, KERMIT	R F D 2	FREEVILLE	13068	NY
21-49-0984	SPACE, RONALD W.		FREEVILLE	13068	NY
21-50-0019	BOICE, RICHARD		LAKE KATRINE	12449	NY
21-50-9038	BARDIN, LOUIS	RD 1	PINE BUSH	12566	NY
21-50-0053	GARRISON BROTHERS		WALLKILL	12589	NY
21-50-9056	AUMICK, RALPH E.	R D 1 BOX 173	WALLKILL	12589	NY
21-50-0082	RIDER, KEN AND SONS	R F D	ACCORD	12404	NY
21-50-0146	KELDER, S. ROBERT		STONE RIDGE	12484	NY
21-50-9530	DAVIS, PHILIP	R D	KERHONKSON	12446	NY
21-50-9650	MAIER, ARTHUR	R D 3	WALLKILL	12589	NY
21-50-0843	GREENSTREAM STOCK FARM		WALLKILL	12589	NY
21-50-0850	SCHOONMAKER, J L JR. FM		ACCORD	12404	NY
21-50-0995	VANAKEN, A. L. AND SONS	R D	STONE RIDGE	12484	NY
21-52-0001	SEACORD, ROGER		GREENWICH	12834	NY
21-52-0002	TAMARACK FMS-E LIDDEL	R D 1	GREENWICH	12834	NY
21-52-0023	MCGUIRE, DICK	RFD 1	CAMBRIDGE	12816	NY
21-52-0032	WILFARMS INC.	R D 2	SALEM	12865	NY
21-52-0053	GILLIS, ADDISON	RD 2	ARGYLE	12809	NY
21-52-0071	SKELLIE, WARREN J.	STAR ROUTE	EAST GREENWICH	12826	NY
	MOY, CECIL	RD 1	SCHAGHTICOKE	12154	NY
21-52-9078	ASHTON, L. W. AND SON	R D 1	CAMBRIDGE	12816	NY
21-52-9091	MEARS, WILLIAM H.	R D 1	FORT EDWARD	12828	NY
21-52-0098	MCGEOCH, PAUL	R D 2	ARGYLE	12809	NY
21-52-0102	STORY BROTHERS	RD 2	ARGYLE	12809	NY
21-52-9105	GILLIS, BURTON C.	RD 3	GREENWICH	12834	NY
21-52-0116	NORTON, EDWARD	R D 2	FORT ANN	12827	NY
21-52-0124	GIBSON, G. HARDEN & SONS	R D 2	FORT ANN	12827	NY
21-52-0140	ROBBINS AND BROMLEY FM	BOX 65	WEST PAWLETT	05775	VT
21-52-9154	BAIN, DAVID K. AND SONS	R D	ARGYLE	12809	NY
21-52-0155	LANE END FARM	R D 2	ARGYLE	12809	NY
21-52-9162	FILLMORE, EDWIN AND SON	R D 1	BUSKIRK	12028	NY
21-52-0167	REYNOLDS, MERRITT & SONS	R D 2	ARGYLE	12809	NY
21-52-0194	FERGUSON, BRUCE	R D 1	SALEM	12865	NY
21-52-9202	CAMPBELL, REA D.	RD 1	SALEM	12865	NY
21-52-0205	HAVILAND FARM	FRANK A ROBERTS	GLENS FALLS	12800	NY

TABLE 9.--LIST OF HERD OWNERS (CONTINUED)

HERD CODE	NAME OF OWNER	STREET--ROUTE	TOWN	ADDRESS OF OWNER	ZIP--CODE	STATE
21-52-0216	THYGESEN, ALF	R D 1	COSSAYUNA		12823	NY
21-52-0225	REID, RALPH D.	R D 2	SALEM		12865	NY
21-52-9235	MC NEIL, LAURENCE	R D	ARGYLE		12809	NY
21-52-0241	SEACORD, ROGER B. FM 2	STAR ROUTE	GREENWICH		12834	NY
21-52-0254	MACS CLAN		FORT ANN		12875	NY
21-52-9263	MOSHER, DAVID	BIRCH HOLLOW FARM	GREENWICH		12834	NY
21-52-0268	MACCLAN FARMS INC	ATT H. MCEACHRON	SALEM		12865	NY
21-52-9277	WOODARD, MAURICE	R F D 1	SALEM		12865	NY
21-52-0287	WHITTEMORE, MERRILL	R D 2	ARGYLE		12809	NY
21-52-0327	ROBERTSON, JOHN & SONS		EAST GREENWICH		12826	NY
21-52-0331	MCEACHRON, LEON	R D 1	SALEM		12865	NY
21-52-0334	LAPAN, RICHARD AND SON	SOUTH BAY RD R D	FORT ANN		12827	NY
21-52-0577	ALLEN, NORMAN		SCHAGHTICOKE		12154	NY
21-52-0581	PFEIFFER, WINIFRED	KINGSBURG ROAD	GREENWICH		12834	NY
21-52-0628	HITCHCOCK, NORMAN FM 1		HUDSON FALLS		12839	NY
21-52-0637	WILLIAMSON, RONALD G.	R D 2	ARGYLE		12809	NY
21-52-0647	M & A FARM	ROUTE 1	FORT EDWARD		12828	NY
21-52-9649	JOHNSON, RAYMOND E.	R D 1	SCHAGHTICOKE		12154	NY
21-52-0690	REAFIELD FARMS		CAMBRIDGE		12816	NY
21-52-0802	SKIFF, WILLIAM		GREENWICH		12834	NY
21-52-0880	HANKS, DONALD	STAR ROUTE	SALEM		12865	NY
21-53-0003	SLADE, CARL	RD 1	MACEDON		14902	NY
21-53-0017	TAYLOR, LEON	RD 1	NEWARK		14513	NY
21-53-0029	LE ROY BROTHERS	R D 3	PALMYRA		14522	NY
21-53-0031	SCHOEN, ROBERT		PHELPS		14532	NY
21-53-0075	BOTCHER, BILL	R D 1	NEWARK		14513	NY
21-53-0102	CHAPIN, GLEN A.	R F D 2	WOLCOTT		14590	NY
21-53-0143	ROBERTS, RAYMOND	R D 1	CLYDE		14433	NY
21-53-0146	YOUNGMAN, ARTHUR	RFD	WOLCOTT		14590	NY
21-53-0160	GREEN DAIRY FARMS 1 INC		WOLCOTT		14590	NY
21-53-9166	PATSOS, JAMES SR.	R D 2	WATERLOO		13165	NY
21-53-9187	WINTER, THOMAS	RD 1	CLYDE		14433	NY
21-53-0198	KOEBERLE, E. W. AND SONS	26 GARNSEY ROAD	PALMYRA		14522	NY
21-53-0205	GALUSHA, CLIFFORD	R D 2	NEWARK		14513	NY
21-53-0215	ROTHFUSS, ORA	RD	MACEDON		14502	NY
21-53-0240	DURHAM BROTHERS	MINER ROAD			14516	NY
21-53-0288	DUTCHER, L.R. AND R.W.	RD 1	PORT BYRON		13140	NY
21-53-0542	DARRON, LEIGH AND SON	R D 1	WALWORTH		14568	NY
21-53-0588	COTTRELL, ERICH	R D 3	WATERLOO		13165	NY
21-53-0627	PHILLIPS, JOHN		RED CREEK		13143	NY
21-53-0780	ALBERDING, DERWIN	R D 3	RED CREEK		13143	NY
21-53-0795	SMITHCREST FARMS 1	R D 1	CLYDE		14433	NY
21-53-0796	HURLEY, HOWARD	R D 1	ONTARIO		14519	NY
21-53-0891	SMITHCREST FARMS 2	R D 3	WATERLOO		13165	NY
21-53-0900	FOX, CHARLES	RD 2	CLYDE		14433	NY

TABLE 9.--LIST OF HERD OWNERS (CONTINUED)

HERD CODE	NAME OF OWNER	STREET-ROUTE	ADDRESS OF TOWN	ZIP-CODE	STATE
21-55-0004	NEVINGER, RUSSELL	R F D	WARSAW	14569	NY
21-55-0011	AGEN, WILLIAM	R D 2	ARCADE	14009	NY
21-55-9014	COLLINS, DONALD	COLLINS CREST FARM	PERRY	14530	NY
21-55-0016	MEEDER, WILLIAM	R D 3	WARSAW	14569	NY
21-55-0017	ARMSON FARMS	R D 3	PAVILION	14525	NY
21-55-0024	HIGH ACRES FARM	R D 1	WYOMING	14591	NY
21-55-0025	DEGROFF, LESLIE JR.	R D	PERRY	14530	NY
21-55-0026	SOUTHVIEW FARM	UPPER RESERVATION	CASTILE	14427	NY
21-55-9049	STORCH, FLOYD	R D 1	ATTICA	14011	NY
21-55-0051	CONABLE, JOHN	BOX 31	WARSAW	14569	NY
21-55-0058	ATTICA STATE PRISON		ATTICA	14011	NY
21-55-0191	LANDOWSKI, JOHN	R D	PERRY	14530	NY
21-55-0247	MOTE, WILBUR	R D	GAINSVILLE	14066	NY
21-55-9278	WHEELER, HERBERT		PERRY	14530	NY
21-55-9313	MCINTYRE, HOWARD	R F D	PERRY	14530	NY
21-55-0322	BERKEMEIER, H. C. & SONS	10825 EAST ROAD	PAVILION	14525	NY
21-55-9340	WINCH, RICHARD	R D 1	ARCADE	14009	NY
21-55-0352	WINTER, KENNETH & SONS	R D 3	PERRY	14530	NY
21-55-0375	SHERWIN, JOSEPH	R D 2	WYOMING	14591	NY
21-55-0439	KUNZE, RUDOLF	R D 1	WYOMING	14591	NY
21-55-0456	MERWIN, JOSEPH C.	R D 2	FILLMORE	14735	NY
21-55-0473	DEGROFF, HERBERT	R F D	PERRY	14530	NY
21-55-0477	HAMILTON, BRUCE	CREEK ROAD	BLISS	14024	NY
21-55-0503	ANDERSON, DONALD	CREEKSIDE DAKAN FA	BLISS	14024	NY
21-55-9532	NEVINGER, STUART	R F D	WARSAW	14569	NY
21-55-0551	WELLS, ALVIN	R D 1	CASTILE	14427	NY
21-55-0587	EMERLING, JEROME		PERRY	14530	NY
21-55-0721	NEWELL FARM 4	PROSPECT ST. RT.	ATTICA	14011	NY
21-55-9767	FARYNA, HENRY		PERRY	14530	NY
21-56-0040	MERRITT, S. AND SONS	R D 2	PENN YAN	14527	NY
21-56-0050	PEELLE FARMS, INC.	R 1	ROCK STREAM	14878	NY
21-56-0053	GIBSON, KENNETH	R D 2	DUNDEE	14837	NY
21-56-0079	KAUL, JACK	R D 1	HINROD	14842	NY
21-56-0105	TRAVIS, HOWARD AND SON	R D 1	PENN YAN	14527	NY
21-56-0333	JENSEN, MAURICE F.	R D 1	PENN YAN	14527	NY
21-56-0365	CHRISTIANSEN, DAVE A.	R D 1	PENN YAN	14527	NY
21-56-0425	WOOD, VICTOR	R D 1	PENN YAN	14527	NY
21-56-0571	HOLLOWELL, JOHN & DAVID	R D 2	PENN YAN	14527	NY
21-56-9994	LITTEER, ARTHUR AND SON	R D 2	DUNDEE	14837	NY
21-58-0011	WHITNEY, JOHN HAY	270 VALLEY ROAD	MANHASSET	11030	NY
21-58-0187	CHAUNCEY, A. W. AND L. R.	COVE HOLLOW ROAD	EAST HAMPTON	11937	NY
21-58-9205	BALDWIN, SAYRE	HAYGROUND ROAD	BRIDGEHAMPTON	11932	NY
22-10-0034	JONES, HERBERT & IRVING	FOSTRTN RD BX53	MEDFORD	08055	NJ
22-10-9050	BISHOP, JOHN VI FM 2	GEORGETOWN ROAD	COLUMBUS	08022	NJ
22-10-0051	KIESLING, LOUIS JR.	YORK ROAD	BORDENTOWN	08505	NJ

TABLE 9.--LIST OF HERD OWNERS (CONTINUED)

HERD CODE	NAME OF OWNER	STREET-ROUTE	TOWN	ADDRESS OF OWNER	ZIP-CODE	STATE
22-10-9052	WEDELL, VERNON		COLUMBUS		08022	NJ
22-10-0057	JUNES, LESTER C & SONS IN	FOSTERTOWN ROAD	MEDFORD		08055	NJ
22-10-0070	ALLOWAY, JOHN		COLUMBUS		08022	NJ
22-10-0117	CONOVERS GUERNSEY FM INC		HIGHTSTOWN		08520	NJ
22-10-9120	VANWATER, DANIEL	CRECENT FARMS	COLUMBUS		08022	NJ
22-10-9127	RUDDEROW, MAURICE & SONS		MOORESTOWN		08057	NJ
22-10-0139	SHONIZ, C. WAYNE	ELBOW LANE	MEDFORD		08055	NJ
22-10-0165	WAINWRIGHT, FRED JR.	HARTFORD ROAD	BORDENTOWN		08505	NJ
22-10-0185	GRAVATT, CARLTON	CLOVER VALLEY FARM	ALLENSTOWN		08501	NJ
22-15-9008	KIRBY, CHARLES H	R D 1	HARRISONVILLE		08039	NJ
22-15-0013	STRING, CLARENCE		SWEDESBORO		08085	NJ
22-17-0001	CASE, HOWARD N.	BOX 126	THREE BRIDGES		08887	NJ
22-17-0004	FULPER, ROBERT	R D	LAMBERTVILLE		08530	NJ
22-17-9006	GULICK, RICHARD	R D	RINGOES		08551	NJ
22-17-0010	LAMBERT, JAMES	R D 1	LAMBERTVILLE		08530	NJ
22-17-0046	DANBERRY, CALVIN & SON	R D 1	RINGOES		08551	NJ
22-17-0066	BEATTY, SAMUEL	R D BOX 223	ASBURY		08802	NJ
22-17-9093	BACKACRES	RD 2	LEBANON		08833	NJ
22-17-9109	VANDOREN, ABRAHAM	R D 1	FLEMINGTON		08822	NJ
22-17-9154	SLIKER, WAYNE E.	R D 5	FLEMINGTON		08822	NJ
22-17-0155	HARRISON, PAUL	R D	STOCKTON		08559	NJ
22-17-0160	PANDY, JOSEPH	R F D 1 BOX 74	FRENCHTOWN		08825	NJ
22-17-0164	WOLF, ART	R D	PITTSFORD		08867	NJ
22-17-0181	KANACH, JOHN	R D 1 BOX 319	FLEMINGTON		08822	NJ
22-17-0194	MASTYK, FRANK	R D	RINGOES		08551	NJ
22-17-9197	HUGH, GEORGE W	R D 2 BOX 348	WHITE HOUSE STA		08889	NY
22-17-9219	MAPLE LANE FARM	R D 2 BOX 52	NESHANIC STATION		08853	NJ
22-17-0220	FISHER, HENRY	SPRING MEADOW FM R	STOCKTON		08559	NJ
22-22-9006	NEWBOLD, D T MORRISON F	R D 1	COLTS NECK		07722	NJ
22-22-0013	ZDANCEWIC, HENRY	R D 3	FREEHOLD		07728	NJ
22-22-0014	GEHARDT, MRS R. H.	MTD. RT. 1 BOX 345	RED BANK		07701	NJ
22-22-0019	FREIBERGER, RUPERT	R D 1	ALLENSTOWN		08501	NJ
22-22-9048	MARLU FARM	BOX 215	LINCROFT		07738	NJ
22-22-9049	BELLE TERRE FARMS, INC 1	P. O. BOX 609	FREEHOLD		07728	NJ
22-23-0004	WOLFE BROTHERS	R D	HACKETTSTOWN		07840	NJ
22-23-0049	DUN CHA FARMS	R D	HACKETTSTOWN		07840	NJ
22-23-0056	SCOTT FARMS 1	WEST MILL ROAD	LONG VALLEY		07853	NJ
22-23-9061	LEES HILL FARM	ATT VERNON HULL	NEW VERNON		07976	NJ
22-23-0071	HUPPAUGH, RAYMOND	R D	CALIFON		07830	NJ
22-23-0081	H C FLEMING JR	BEACON HILL FMS R1	CALIFON		07830	NJ
22-25-0008	MILLER, CARLTON	STEWART RD. R F D	WOODSTOWN		08098	NJ
22-25-0019	WILLIAMS, C. SWING	R D 1	ELMER		08318	NJ
22-25-0039	CRUZAN, FRANK & SONS	R D 1	BRIDGETON		08302	NJ
22-25-9060	DAVIS, F. ROLLO	R D 1	BRIDGETON		08302	NJ
22-25-0084	MCALLISTER, LESTER	R D 1	BRIDGETON		08302	NJ

TABLE 9.--LIST OF HERD OWNERS (CONTINUED)

HERD CODE	NAME OF OWNER	STREET--ROUTE	TOWN	ZIP--CODE	STATE
22-25-0086	FLITCRAFTS CREAM VLLY DR	195 EAST AVENUE	WOODSTOWN	08098	NJ
22-25-0096	HAYNES, BEN JR.	R D 3	SALEM	08079	NJ
22-25-9098	HUBSCHMIDT, JOHN	R D 1	BRIDGETON	08302	NJ
22-26-0003	CROSS LANE FARM	ATT J DEHART R D 1	BELLE MEAD	08502	NJ
22-26-9007	EVERETT, JOHN E.	R D 1	SOMERVILLE	08876	NJ
22-26-9030	PISKOROWSKI, J. V.	R D 3	PRINCETON	08540	NJ
22-26-0036	HILL, RUSSELL E. & SON	R D 1 BOX 53	NESCHANIC STATION	08853	NJ
22-26-0071	JOHNSON, WILLIAM A. & SO	ATT DAIRY MGR R D	BELLE MEAD	08502	NJ
22-26-0088	DUKE FARMS ENDRIS	R D 3 BOX 397	SOMERVILLE	08876	NJ
22-26-9089	PUSKAS, ALEX J.	BOX 669	SOMERSET	08873	NJ
22-26-9114	WOODACRES	COLD SOIL ROAD	PRINCETON	08540	NJ
22-26-9131	WHITE CLOUD FARM	R D 3	PRINCETON	08540	NJ
22-29-0021	SPACE FARMS	R D 1	SUSSEX	07461	NJ
22-29-9044	ROBERTS, STANLEY & SONS	R D 1	PORT JERVIS	12771	NY
22-29-0054	HILL, GEORGE	R D 1	BRANCHVILLE	07862	NJ
22-29-0056	VANDENHEUVEL, O. W.	R D 3	SUSSEX	07461	NJ
22-29-0092	DEBOER, ARTHUR	R D	SUSSEX	07461	NJ
22-29-0114	WRIGHT, WALTER R.	RD 1	SUSSEX	07461	NJ
22-29-0115	KLIM, ALBERT A.	RD 1	SUSSEX	07461	NJ
22-29-9135	LODESTAR FARMS, BEHRMAN	ROUTE 2 BOX 115	NEWTON	07860	NJ
22-29-0139	AUKEMA, OWEN FM 2	R D 2	SUSSEX	07461	NJ
22-29-9147	MEYER, GEORGE F.	R D 1 BOX 192	LAFAYETTE	07848	NJ
22-29-0161	TRANQUILLITY FARMS	R D 1	ALLAMUCHY	07820	NJ
22-29-0169	PRICE, RONALD E.	R D 1	LAFAYETTE	07848	NJ
22-29-0188	FEITZER, ARTHUR	R D	AUGUSTA	07822	NJ
22-29-0200	HOUGH, ROBERT	R D 2	SUSSEX	07461	NJ
22-29-9233	SAINT ANTHONY'S GUILD	ANDERSON UMBRIAN	LAFAYETTE	07848	NJ
22-29-0236	DANKS & FREEBORN BROTHER	R D 3	ALLAMUCHY	07820	NJ
22-29-0243	VANDERGROOT, JOHN	R D 1	SUSSEX	07461	NJ
22-29-0263	PULLIS, RUSSELL J.	R D 1	BRANCHVILLE	07826	NJ
22-29-0267	KUPERUS, JOHN N.	R D 1 BOX 32	SUSSEX	07461	NJ
22-29-0269	FRANCISCO, H F & SONS FM	BOX 14	ANDOVER	07821	NJ
22-29-0280	HIDDEN HAVEN FARM	R D 1	AUGUSTA	07822	NJ
22-29-9300	BITTMAN, JOSEPH P.	IDEAL GUERNSEY FAR	WESTTOWN	10998	NY
22-29-9303	TANIS, JACOB	R D	AUGUSTA	07822	NJ
22-29-0311	AUKEMA, OWEN FM 3	R D 2	SUSSEX	07461	NJ
22-29-0314	HENDERSON, LEE	BOX 33	AUGUSTA	07822	NJ
22-36-0014	JONES, WALTER	R D 1	COLUMBIA	07832	NJ
22-36-9017	ELSAESSER, RICHARD	R D 1	COLUMBIA	07832	NJ
22-36-9019	UNANGST, OSCAR	R D	BELVIDERE	07823	NJ
22-36-0021	BEATTY, HARVEY FARM 2	R D 2 BOX 178	NEWTON	07860	NJ
22-36-9048	GIBBS FARM 2	R D 2	ALLAMUCHY	07820	NJ
22-36-0049	QUEITZSCH, LEONARD C.	R D 1	WASHINGTON	07882	NJ
22-36-0061	CRONCE, CHARLES N. & SON	R D 1	ASBURY	08802	NJ
22-36-0106	LIPPINCOTT, ELMER C.	R D 2	PHILLIPSBURG	08865	NJ

TABLE 9.--LIST OF HERD OWNERS(CONTINUED)

HERD CODE	NAME OF OWNER	STREET-ROUTE	ADDRESS OF OWNER, TOWN	ZIP-CODE	STATE
22-36-0110	MAKAREVICH BROTHERS	R D 1	COLUMBIA	07832	NJ
22-36-0145	KULL, MARLIN	ROBERT L KAYHART	RIEGELSVILLE	08871	NJ
22-36-0159	CASTLE CREEK DAIRY FARM	BOX 46	PORT MURRAY	07865	NJ
22-36-0160	SHEETS BROTHERS	R D 2	ALLAMUCHY	07820	NJ
22-36-0163	NOORDENBOS, ERNEST	R D 2	NEWTON	07860	NJ
23-01-0010	LESTER VAN ARSDALE	R D 2	BIGLERVILLE	17307	PA
23-01-0073	ROBERT E GITT	R D 2	LITTLESTOWN	17340	PA
23-01-0093	OSCAR WINTERS	R D 5	HANOVER	17331	PA
23-01-0094	ROBEL ACRES	R D 1	NEW OXFORD	17350	PA
23-01-0095	MERVIN K MYERS	R D 2	LITTLESTOWN	17340	PA
23-01-0106	R W & M R DURBORAW	R D 1	GETTYSBURG	17325	PA
23-01-0115	M J STARNER & SONS	R D 1	NEW OXFORD	17350	PA
23-01-0148	MILTON R HOFFMAN	R D 5	GETTYSBURG	17325	PA
23-01-0152	KLING AYR FARMS	R D 2	NEW OXFORD	17350	PA
23-01-0153	ROBERT E SMITH	R D 2	YORK SPRINGS	17372	PA
23-01-0155	ROY A WEANER JR	R D 6	GETTYSBURG	17325	PA
23-01-0159	WINBROOK FARMS	R D 1	ASPERS	17304	PA
23-01-0161	GOLD WHITE GUERNSEYS	RD 5 J HENRY KNELL	GETTYSBURG	17325	PA
23-02-0001	WOODVILLE ST HOSP	C/O FARM MANAGER	WOODVILLE	15149	PA
23-02-0008	MAYVIEW STATE HOSP	FARM MANAGER	BRIDGEVILLE	15017	PA
23-02-0027	KUEHN BROS	915 MAC BETH DRIVE	MONROEVILLE	15146	PA
23-02-0042	JDSEPH MC WREATH	R F D 1	MC DONALD	15057	PA
23-03-0001	FRANK SCHRENGOST	R D 2	DAYTON	16222	PA
23-03-0007	LERROY SHROCK	R D 1	DAYTON	16222	PA
23-03-0010	J KAMMERDINER & SON	R D	TEMPLETON	16259	PA
23-03-0016	ARMSTRONG CO HOME	R D 5	KITTANNING	16201	PA
23-03-0017	WARD CLAYPOOL & SON	R D	WORTHINGTON	16262	PA
23-03-0037	DREN J CLAYPOOLE	R D 2	WORTHINGTON	16262	PA
23-04-0009	C T DOUTHITT & SON	R D 2	DARLINGTON	16115	PA
23-04-0013	HAZEN BROS	R D 2	ELLWOOD CITY	16117	PA
23-04-0019	D H & LLOYD BRENNER	R D 1	ROCHESTER	15074	PA
23-04-0030	J DONALD MILLER	R D 1	CLINTON	15026	PA
23-05-0008	SAMUEL E BAKER JR	R D 1	WATERSIDE	16690	PA
23-05-0013	ROBERT H BEACH	R D 1	ROARING SPRINGS	16673	PA
23-05-0062	J ALLEN BAKER	R D 4	BEDFORD	15552	PA
23-05-0071	RANDOLPH HITE	R D 3	BEDFORD	15522	PA
23-05-0082	EUGENE D KING	R D 1	NEW ENTERPRISE	16664	PA
23-05-0096	ELWOOD SMITH	R D 1	NEW ENTERPRISE	16664	PA
23-05-0109	RALPH E RITCHEY	R D 1	HOPEWELL	16650	PA
23-05-0124	ROBERT SMITH & SON	R D 2	BEDFORD	15522	PA
23-05-0130	JAMES WYLES & SONS	R D	ROARING SPRINGS	16673	PA
23-05-0143	BYRON OVER	R D 1	RUARING SPRING	16673	PA
23-05-0145	CAHL HOWSARE	R D 3 BOX 230	BEDFORD	15522	PA
23-05-0146	WILLIAM H HELSEL	R D 1	NEW ENTERPRISE	16664	PA
23-05-0152	KAY A SOLLENBERGER	R D 3	EVERETT	15537	PA

TABLE 9.--LIST OF HERD OWNERS(CONTINUED)

HERD CODE	NAME OF OWNER	STREET-ROUTE	ADDRESS OF OWNER, TOWN	ZIP-CODE	STATE
23-05-0165	ROBERT REPLOGLE	R 1	NEW ENTERPRISE	16664	PA
23-05-0207	EDWARD L CREPS	R D 1	EVERETT	15537	PA
23-05-0232	BERNARD SNIDER	R D 1	NEW ENTERPRISE	16664	PA
23-05-0243	RAY MOWRY	R D 1	ROARING SPRING	16673	PA
23-05-0244	CLARENCE & KEN MOWRY	R D 1	ROARING SPRING	17071	PA
23-05-0246	PAUL R SHOWALTER	R D 1	IMLER	16655	PA
23-06-0002	ERNEST O MILLER	R 2	HAMBURG	19526	PA
23-06-0007	PAUL J SIEGFRIED	R 1	MERTZTOWN	19539	PA
23-06-0019	G LAYMAN BRAUND	R 2	KUTZTOWN	19530	PA
23-06-0021	ELLIS R KUNKEL	R 2	KEMPTON	19529	PA
23-06-0022	MARK D BAILEY	R 2	KEMPTON	19529	PA
23-06-0023	GUY W LONG	R 1	LENHARTSVILLE	19534	PA
23-06-0027	EDWARD S SCHEFFEY	R F D 1	DOUGLASSVILLE	19518	PA
23-06-0036	DAN E MAST	R D 1	OLEY	19547	PA
23-06-0037	RALPH C RICHARD	R D 1	OLEY	19547	PA
23-06-0040	ELMER W HOWARD & SON	R D 1	OLEY	19547	PA
23-06-0047	GEORGE E SEIDEL	R D 1	WOMELSDORF	19567	PA
23-06-0061	W DREIBELBIS & SONS	R 1	SHOEMAKERSVILLE	19555	PA
23-06-0066	RAY M SATTAZAHN	R F D 1	WOMELSDORF	19567	PA
23-06-0074	DANIEL J HARNISH	R D 1	RICHLAND	17087	PA
23-06-0080	PAUL R ANTHONY	C/O D E WAGNER	STRAUSSTOWN	19559	PA
23-06-0093	WERNERSVILLE ST HOSP	R D 5 BOX 208	WERNERSVILLE	19565	PA
23-06-0094	JOHN & MARVIN RIEGEL	R D 2	SINKING SPRING	19608	PA
23-06-0109	ROGER S BUCH	R D 1	FLEETWOOD	19522	PA
23-06-0118	REUBEN A FIELD	R D 1	MOHRSVILLE	19541	PA
23-06-0121	LEE C WEBBER	BOX 98	MYERSTOWN	17067	PA
23-06-0145	PINE BROOK FARM	% D MOYER	OLEY R D 1	19547	PA
23-06-0147	FERYL J TREICHLER	R 3	KUTZTOWN	19530	PA
23-06-0151	HENRY W WAGNER	R F D 3	BOYERTOWN	19512	PA
23-06-0152	LENILEA FARM	ROBERT G SEIP R D	ALBURTIS	18011	PA
23-06-0153	DUNALD B DUNCAN	R D 1	ROBESONIA	19551	PA
23-06-0155	CHARLES R KISSLING	R D 1	ROBESONIA	19551	PA
23-06-0161	CLARENCE NAFTZINGER	R F D 2	BERNVILLE	19506	PA
23-06-0169	JAMES H ADAM	R D 2	HAMBURG	19526	PA
23-06-0180	DONALD E LANDIS	R D 1	MYERSTOWN	17067	PA
23-06-0183	RALPH G SANNER	R D 3	KUTZTOWN	19530	PA
23-06-0184	CHARLES W LAMM	R D 5	SINKING SPRINGS	19608	PA
23-06-0185	CLARENCE H MARTIN	R D 6 BOX 540	SINKING SPRINGS	19608	PA
23-06-0190	ROY O CHRISTMAN	R D 1	HAMBURG	19526	PA
23-06-0193	FLOYD WEBER	R R 1	MOHNTON	19540	PA
23-06-0204	CARL S MILLER	R D 3	KUTZTOWN	19530	PA
23-06-0223	DANIEL BRUBACHER	R D 1	LENHARTSVILLE	19534	PA
23-06-0227	KER MIN FARMS	BOX 28A R D 3	FLEETWOOD	19522	PA
23-06-0239	WILLIAM G HOWERTER	R 2	KEMPTON	19529	PA
23-06-0246	CHARLES PLUSHANSKI	R D 3	KUTZTOWN	19530	PA

TABLE 9.--LIST OF HERD OWNERS (CONTINUED)

HERD CODE	NAME OF OWNER	STREET-ROUTE	TOWN	STATE	ZIP-CODE
23-06-0247	JAMES G STUTZMAN	R D 3	KUTZTOWN	PA	19530
23-06-0248	FRED BOHN & SONS	R D 1 BOX 123	MYERSTOWN	PA	17067
23-06-0250	LEVI W MAST	R R 1	OLEY	PA	19547
23-06-0271	W W & H R LESHNER	R D 1	BERNVILLE	PA	19506
23-06-0275	WILLARD B STAUFFER	R D 1	WOMELSDORF	PA	19567
23-06-0296	RALPH & JOHN C BLATT	R D 1	ROBESONIA	PA	19551
23-06-0307	EMERSON MEYERS & SON	R D 2	KEMPTON	PA	19529
23-06-0314	RICHARD R TROUTMAN	R D 1	RICHLAND	PA	17087
23-06-0323	HOWARD H GELSINGER	R D 1	ROBESONIA	PA	19551
23-06-0324	GEORGE E MOYER	R D 1	MYERSTOWN	PA	17067
23-06-0330	EUGENE M HELLER	R D 1	ROBESONIA	PA	19551
23-07-0002	JAMES BAKER	R D	MARTINSBURG	PA	16662
23-07-0015	ROSS BURKET	R D 1	TYRONE	PA	16686
23-07-0017	J ROBERT DAUBERMAN	R D	ROARING SPRING	PA	16673
23-07-0030	DEAN HEARN	R D 1	WILLIAMSBURG	PA	16693
23-07-0033	CHALMER HILEMAN	R D 1	TYRONE	PA	16686
23-07-0035	CHARLES KAGARISE	R D 1	CURRYVILLE	PA	16631
23-07-0049	DONALD R SMITH	R D 2	MARTINSBURG	PA	16662
23-07-0057	EARL STONEROOK	R D 1	MARTINSBURG	PA	16662
23-07-0059	MARY WALTERS	R D BOX 74	CLAYSBURG	PA	16625
23-07-0061	J E WILLIAMSON	R D	BELLWOOD	PA	16617
23-07-0062	JOSEPH WINELAND	R D	MARTINSBURG	PA	16662
23-07-0070	DALE FURRY	R D 3	ALTOONA	PA	16601
23-07-0078	FLOYD BAKER	R D	DUNCANSVILLE	PA	16635
23-07-0082	DONALD L BRUMBAUGH	R D 1	MARTINSBURG	PA	16662
23-07-0084	RICHARD HELTZEL	R D	MARTINSBURG	PA	16662
23-07-0091	DALE W HOOVER	R D	MARTINSBURG	PA	16662
23-07-0099	FOSTER W ENGLAND	R D 1	WILLIAMSBURG	PA	16693
23-07-0108	OSWALD BROS	R D 2 BOX 108	TYRONE	PA	16686
23-07-0119	MILTON CORLE	R D 2	MARTINSBURG	PA	16662
23-07-0129	MARIUN SMITH	R F D 2	MARTINSBURG	PA	16662
23-07-0133	KENNETH CRAWFORD SON	R D 1 BOX 165	TYRONE	PA	16686
23-07-0134	JAMES CRAWFORD	R D 1	TYRONE	PA	16686
23-07-0137	A GLENN BECHTEL	R D 3 BOX 398	CURRYVILLE	PA	16631
23-07-0148	SAMUEL BLACK	R D 3 BOX 398	ALTOONA	PA	16601
23-07-0165	D BRUMBAUGH & SONS	R D 1	MARTINSBURG	PA	16662
23-07-0167	MALCOM DRAKE	R D 2	MARTINSBURG	PA	16662
23-07-0169	ALTON FISHER	R D 3 BOX 360	ALTOONA	PA	16601
23-07-0178	W DEAN STERN	R D	ROARING SPRING	PA	16673
23-07-0179	CLAIR BURKET	R D 2	WILLIAMSBURG	PA	16693
23-07-0188	R W SMITH & BROS	R D 2	HOLLIDAYSBURG	PA	16662
23-08-0001	L FLEMING & SONS	R D 1	TROY	PA	16947
23-08-0006	A & B ROCKWELL	R D 3	TROY	PA	16947
23-08-0008	ORTONE DUANE MATTOCKS	R D 2	TROY	PA	16947
23-08-0009	JAMES & CLYDE MATTOCKS	R D 2 BOX 45	TROY	PA	16947

TABLE 9.--LIST OF HERD OWNERS(CONTINUED)

HERD CODE	NAME OF OWNER	STREET-ROUTE	ADDRESS OF OWNER	TOWN	ZIP-CODE	STATE
23-08-0035	GS & F VON WOLFRADT	R D 2	ATHENS		18810	PA
23-08-0038	FOX CHASE FARMS		TOWANDA		18848	PA
23-08-0039	WM BRUCE BRESEE	R D 1	ULSTER		18850	PA
23-08-0045	CLAIR R KILMER	R D 2	TOWANDA		18848	PA
23-08-0067	JOHN SWINGLE & SONS	R F D 1	CANTON		17724	PA
23-08-0073	LISTON WRIGHT	R D 1	CANTON		17724	PA
23-08-0087	BENNETT R YOUNG	R D 1	MILAN		18831	PA
23-08-0104	FRED & DALE MATTOCKS	R D 2	COLUMBIA CROSS RD		16914	PA
23-08-0124	RUSSEL L JONES		LITTLE MEADOWS		18830	PA
23-08-0135	ROE RUSSELL JR	R D #1	ROME		18837	PA
23-08-0140	JOHN CULVER	R D 2	LACEYVILLE		18623	PA
23-08-0144	FRENICK FARMS	R D 2	TOWANDA		18848	PA
23-08-0152	BARRETT BROTHERS	R D 4	TOWANDA		18848	PA
23-08-0153	R CHAMPLUVIER & SONS	R D 2	WYALUSING		18853	PA
23-08-0163	CARLTON DIBBLE	R D 2	NEW ALBANY		18833	PA
23-08-0164	PAUL GRAY	R D 2	LACEYVILLE		18623	PA
23-08-0173	D A HOLLENBACK SONS	R D 5	TOWANDA		18848	PA
23-08-0190	DONALD PACKARD	R D 1	GRANVILLE SUMMIT		16926	PA
23-08-0202	LEAMEN SMITH	R F D 1	PINE CITY		14871	NY
23-08-0233	GEORGE SHELL	R D 2	COLUMBIA CROSS RD		16914	PA
23-08-0234	GEORGE PAGE JR	R D 2	COLUMBIA CROSS RD		16914	PA
23-08-0250	KEITH ROBBINS	R D 1	COL CROSS ROADS		16914	PA
23-08-0254	MERLE BACON	R D 3	TOWANDA		18848	PA
23-08-0262	DEAN & JACK BEDFORD	R D 1	CANTON		17724	PA
23-08-0281	ROBERT TILLINGHAST	R F D 2	GILLET		16925	PA
23-08-0291	ROBERT S THOMSON	R D 4	WYALUSING		18853	PA
23-08-0309	ELWIN ROBERTS	R D 2	CANTON		17724	PA
23-08-0312	CHESTER K HALE	R D 1	WYSOX		18854	PA
23-08-0313	ARCHIE L WILLIAMS	R D 1	LE RAYSVILLE		18829	PA
23-08-0321	BRUCE L MORSE	R F D 1	CANTON		17724	PA
23-08-0330	MERRELL & D FREEMAN	R D 1	TROY		16947	PA
23-08-0343	RUSSELL ANDERSON		GRANVILLE SUMMIT		16926	PA
23-08-0354	RICHARD DARROW	R D 1	ATHENS		18810	PA
23-08-0365	WAYNE WARD & K HOOSE	R D 1	GILLET		16925	PA
23-08-0369	CLYDE T SEELEY	R F D 2	CANTON		17724	PA
23-08-0370	CLAYTON OLDROYD	R D 3	COLUMBIA X ROADS		16914	PA
23-08-0372	WILLIAM BROWN	R D 2	NICHOLS		13812	NY
23-08-0401	LOUIS STURDEVANT	R D 1	MILAN		18831	PA
23-08-0405	L & L JACKSON & SON	R D 3	TROY		16947	PA
23-08-0411	ROY BEARDSLEE	R D 2	COLUMBIA CROSS RD		16914	PA
23-08-0418	LA VERE NOBLE & SON		GILLET		16925	PA
23-08-0421	DUNALD E HARKNESS	R D 1	MONROETON		18832	PA
23-08-0436	MILFORD KINSMAN	R D 3	TROY		16947	PA
23-08-0441	LYLE D MONRO	R D 1	COLUMBIA CROSS RD		16914	PA
23-08-0453	GERALD STETHERS	R D 1	WYALUSING		18853	PA

TABLE 9.--LIST OF HERD OWNERS(CONTINUED)

HERD CODE	NAME OF OWNER	STREET-ROUTE	TOWN	ZIP-CODE	STATE
23-08-0457	RICHARD KINGSLEY	R D 1	COLUMBIA CROSS RD	16914	PA
23-08-0462	LLOYD H SEELEY	R D 2	CANTON	17724	PA
23-08-0468	LOU & JEFF WARNER	R D 2	GILGETT	16925	PA
23-08-0493	EDWARD MORSE	R F D 3	TROY	16947	PA
23-08-0498	ROY WATSON FARM 1	R D 1	COLUMBIA CROSS RD	16914	PA
23-08-0506	FIVE BROOK FARMS	DUANE WILCOX R D 1	CANTON	17724	PA
23-08-0511	ROBERT H WHIPPLE	R D 5	TOWANDA	18488	PA
23-08-0520	DANA HARKNESS	R D 1	GILGETT	16925	PA
23-08-0529	ROBERT TAYLOR	R D 1	ROME	18837	PA
23-08-0536	PERRY ANDERSON & SON	R D 3	TROY	16947	PA
23-08-0537	RICHARD B REAGAN	R D 1 BOX 85	ATHENS	18810	PA
23-08-0548	G L KNIGHT & BARNES	R D 1	LAWRENCEVILLE	16929	PA
23-08-0552	WILLIAM J SMITH	R D 2	MANSFIELD	16933	PA
23-08-0555	ANTHONY J BARRETT	R D 1	ATHENS	18810	PA
23-08-0558	HARRY W SMITH	R D 2	WYALUSING	18853	PA
23-08-0574	H W & GLADYS ALDERFER	R D 3	TROY	16947	PA
23-08-0581	JOHN & SHEILA WILCOX	R D 3	TROY	16947	PA
23-08-0583	GEORGE ANDERSON & SON	R D 3	TROY	16947	PA
23-09-0001	PHILA STATE HOSPITAL	ROOSEVELT BLVD	PHILADELPHIA 14	18940	PA
23-09-0012	ABE BIRENBAUM	R D 1	RIEGELSVILLE	18077	PA
23-09-0036	PARRY BROS	R F D 2	RUSHLAND	18956	PA
23-09-0039	ROBERT H JAMISON	R D 1	NEWTOWN	18940	PA
23-09-0051	WALTER B WURSTER	BOX 125 R R 2	OTTSVILLE	18942	PA
23-09-0060	WARREN E BUCKMAN JR	R F D 1	PERKASIE	18944	PA
23-09-0062	ROBERT CROUSE	R R 2 BOX 203	RIEGELSVILLE	18077	PA
23-09-0064	WARREN W DETWEILER	BOX 252	PERKASIE	18944	PA
23-09-0065	LEONARD E CROOKE	R D 1 BOX 340	NEW HOPE	18938	PA
23-09-0068	H CAL & DORIS WEIKEL	R D 1	PERKASIE	18944	PA
23-09-0069	HAROLD B RICK	APPLE ROAD R D 4	KINTNERSVILLE	18930	PA
23-09-0073	STANLEY R LANDIS	BOX 229 R R 2	QUAKERTOWN	18951	PA
23-09-0074	WILMER W RUSH	R D 1	PERKASIE	18944	PA
23-09-0081	GERALD & CAROLE ULMER	R D 2 EAGLE ROAD	RIEGELSVILLE	18077	PA
23-09-0084	WOODWARD BROS	STUMP R D BOX 176	NEWTOWN	18940	PA
23-09-0088	RICHARD RIDGWAY	R D 1	PIERSVILLE	18915	PA
23-09-0101	ROY SHULL	R D 1	PIERSVILLE	18941	PA
23-09-0102	J EARLE YERKES JR	R D 1	PIERSVILLE	18947	PA
23-09-0105	THEODORE S WILSON	C/O T WILSON	RICHBORO	18954	PA
23-09-0118	J HALLONELL & SON	1265 MEARNS RD	IVYLAND	18974	PA
23-09-0127	NORRIN FARM	R D 1 BOX 25	JAMISON	18929	PA
23-09-0134	RUSSEL & KENNETH HAGER	BOX 96	KINTNERSVILLE	18930	PA
23-09-0137	HARRY F ATKINSON JR	SYCAMORE ST	PENNS PARK	18943	PA
23-09-0301	CHAS D LOWNES & SONS	W W WRIGHT	NEWTOWN	18940	PA
23-09-0306	BREEZYVALE FARMS INC	SILVER LAKE FARM	BOX 162 NEWTOWN	19067	PA
23-09-0310	J L FRANK & L G FOX	BOX 195 R D 1	PERKASIE	18944	PA
23-09-0412	PAUL L BISHOP				

TABLE 9.--LIST OF HERD OWNERS(CONTINUED)

HERD CODE	NAME OF OWNER	STREET-ROUTE	TOWN	ADDRESS OF OWNER	ZIP-CODE	STATE
23-09-0417	RAYMOND GROSS	M R 2	PLUMSTEADVILLE		18949	PA
23-09-0418	LEIDY LEWIS	R D	CHALFONT		18914	PA
23-09-0431	ERNEST S DETWEILER	R F D 1	OTTSTVILLE		18942	PA
23-09-0433	DARWIN L GRUVER	R D 1	PIPKERSVILLE		18947	PA
23-09-0607	MICHAEL RAPUANO	R D 2	NEWTOWN		18940	PA
23-09-0826	CARL R KRESGE	R D 1	NEW HOPE		18938	PA
23-09-0902	R WORTHINGTON & SON	R D 1	DOYLESTOWN		18901	PA
23-09-0904	GEORGE S BISHOP	R D 1	DOYLESTOWN		18901	PA
23-09-0906	HAROLD HALDEMAN	R D 2	DANBORO		18916	PA
23-09-0923	WALTER MILL 3 SON	R D 1	PERKASIE		18944	PA
23-10-0014	JOHN L & DAVID WISE	R D 1	HARMONY		16037	PA
23-10-0016	H FRANCIS KENNEDY	R F D 6	BUTLER		16001	PA
23-10-0024	THIELE BROS	R D 1	CABOT		16023	PA
23-10-0030	HALSTEAD BROS	R D 1	SAXONBURG		16056	PA
23-10-0045	FINLEY COOPER & SON	R D 2	SLIPPERY ROCK		16057	PA
23-10-0050	JOHN F WILSON	R D 2	VALENCIA		16059	PA
23-10-0061	EVA CAP FARM	R D 4	BUTLER		16001	PA
23-10-0080	SIMPSON FARM	R D 1	BUTLER		16002	PA
23-10-0083	RALPH S THROWER	R D 3 BOX 146	SAXONBURG		16056	PA
23-10-0094	PAUL C SMITH	R D 1	BUTLER		16002	PA
23-10-0096	DEAN E CRITCHLOW	R D 1	HARRISVILLE		16038	PA
23-10-0103	ALICE & DAVID SEFTON	R D 1	SAXONBURG		16056	PA
23-10-0106	WM & LEE KUMMER	R F D 2	EVANS CITY		16033	PA
23-10-0111	WENDELL J SMITH	R D 4	BUTLER		16001	PA
23-10-0120	W T SCHEIDEMANTLE	R D 1	HARMONY		16037	PA
23-10-0122	ROBERT J BELLES	R D 1	HARMONY		16037	PA
23-10-0123	JOSEPH M RENO	R D 2 BOX 89	VALENCIA		16059	PA
23-11-0008	L A HARTEIS	R D 1	EBENSBURG		15931	PA
23-11-0012	PAUL HOOVER & SONS	R D	PATTON		16668	PA
23-11-0040	JAMES C MAKIN	R D 1 BOX 503	PORTAGE		15946	PA
23-11-0049	VALE WOOD DAIRY	P O BOX 13	CRESSON		16630	PA
23-13-0001	ROBERT KUNKEL	R D 1	WEATHERLY		18255	PA
23-13-0003	ZIMMERMAN HOL FM INC	R D 2	LEIGHTON		18235	PA
23-14-0005	CORRECTIONAL INDUSTS	ROCKW & S STOVER	BELLEFONTE		16823	PA
23-14-0020	HENRY WEIGHT	R F D 2	BELLEFONTE		16823	PA
23-14-0024	E M PETERS	R D 3	PORT MATILDA		16870	PA
23-14-0026	HUGH L WILSON		WARRIORS MARK		16877	PA
23-14-0027	BUDD E SMITH		BELLEFONTE		16823	PA
23-14-0032	GLADYS E REARICK		MILLHEIM		16854	PA
23-14-0047	RALPH E COLYER		MILLHEIM		16854	PA
23-14-0066	J R HARTLE & SONS	R D 1	BELLEFONTE		16823	PA
23-14-0073	RANDALL ALBRIGHT	R D 1	WARRIORS MARK		16877	PA
23-14-0107	ELWOOD WAY	R D 2	PORT MATILDA		16870	PA
23-14-0130	GEORGE E ZIMMERMAN	R D BOX 59	BELLEFONTE		16823	PA
23-14-0137	R JAY SUMMERS		PENNA FURNACE		16865	PA

TABLE 9.--LIST OF HERD OWNERS(CONTINUED)

HERD CODE	NAME OF OWNER	STREET-ROUTE	TOWN	ADDRESS OF OWNER	ZIP-CODE	STATE
23-14-0152	S M LOWERY	R D 2	BELLEFONTE		16823	PA
23-14-0157	FRANK CUNNELLY	R D 1	PA FURNACE		16865	PA
23-14-0165	DALE E MILLER	R D 2	SPRING MILLS		16875	PA
23-14-0179	ED OKEEFE	1 BOX 543	BOALSBURG		16827	PA
23-14-0181	JAY HOUSER	R D 2	SPRING MILLS		16875	PA
23-14-0185	PENN STATE UNIV	DAIRY BARN	UNIVERSITY PARK		16802	PA
23-14-0187	PENN STATE UNIV	DAIRY BARN	UNIVERSITY PARK		16802	PA
23-14-0196	PAUL E MC WILLIAMS J	R D	REBERSBURG		16872	PA
23-14-0202	JOSEPH HARTLE JR	R D 1	BELLEFONTE		16823	PA
23-14-0213	GEORGE R FUTHEY	R D	WOODWARD		16882	PA
23-14-0214	JOHN W LOWERY	R D 2	BELLEFONTE		16823	PA
23-14-0215	G KENNETH NOLAN		HUBLERSBURG		16842	PA
23-14-0226	CLAUDE HOMAN	R D 1	CENTRE HALL		16828	PA
23-14-0271	ROBERT M MILLER	R D	WOODWARD		16882	PA
23-14-0273	R S COURSEN & SONS	R D 2	SPRING MILLS		16875	PA
23-15-6001	H G HASKELL JR	HILL GIRT FARM	CHADDS FORD		19317	PA
23-15-0005	PAUL H EBY	R D	COCHRANVILLE		19330	PA
23-15-0014	JOHN M UMBLE	R D	ATGLEN		19310	PA
23-15-0030	JOHN H STANTON	R D 2	HONEY BROOK		19344	PA
23-15-0076	RALPH H STOLTZFUS	BOX 36	MORGANTOWN		19543	PA
23-15-0082	KIMBERTON FARMS	R A GREEN R D 2	PHOENIXVILLE		19460	PA
23-15-0112	S CHARLES LAWRIE&SON	BOX 191	OXFORD		19363	PA
23-15-0122	WILLIAM P MOORE	BOX 350	CHATHAM		19318	PA
23-15-0231	H & R MASON	R D 1	NOTTINGHAM		19362	PA
23-15-0240	DAVID WALTON		KENNET SQUARE		19348	PA
23-15-0257	KENNARD E HENLEY JR	R D 2	COCHRANVILLE		19330	PA
23-15-0282	EUGENIA C MADEIRA	CRUMDALE FARM	BERWYN		19312	PA
23-15-0295	JEFFERSON D YODER	R D 1	ELVERSON		19520	PA
23-15-0302	EARL MAST	STAR ROUTE	PARKESBURG		19365	PA
23-15-0304	LESTER KURTZ		MORGANTOWN		19543	PA
23-15-0338	TIMOTHY KAUFFMAN	R D 1	ATGLEN		19310	PA
23-15-0341	GIDEON K STOLTZFUS	R F D 1	ATGLEN		19310	PA
23-15-0348	BENJAMIN K KAUFFMAN	R D 1	COCHRANVILLE		19330	PA
23-15-0397	BENJAMIN SUMMERS	R D 1	COCHRANVILLE		19330	PA
23-15-0405	WILLIAM HIGH	R D 1	POTTSTOWN		19464	PA
23-15-0407	CHESTER SOLTYS & SON	R D 1	SPRING CITY		19475	PA
23-15-0408	TITUS KING	R D 1	ATGLEN		19310	PA
23-15-0412	VERNON R UMBLE	R D 1	CHRISTIANA		17509	PA
23-15-0420	ELMER K HERTZLER	R D 2	ELVERSON		19520	PA
23-15-0432	ELVIN P GRAYBILL	BOX 130	NOTTINGHAM		19362	PA
23-15-0433	GOTTLIEB STRUHMAIER	R D 1 BOX 300	OXFORD		19363	PA
23-15-0448	LLOYD MAST	R D 2	ELVERSON		19520	PA
23-15-0450	JOHN H LAMB	R D 1	COATESVILLE		19320	PA
23-15-0461	ARTHUR D HEKSHEY	R D 1	COCHRANVILLE		19330	PA
23-15-0462	KULP BROS	R D 1 BOX 346	POTTSTOWN		19464	PA

TABLE 9.--LIST OF HERD OWNERS (CONTINUED)

HERD CODE	NAME OF OWNER	STREET--ROUTE	TOWN	ZIP--CODE	STATE
23-15-0463	JOSEPH S. BAILEY	R F D 2 BOX 124	OXFORD	19363	PA
23-15-0470	NEWTON EVANS JR	R 1 SP A FARM	CHESTER SPRINGS	19425	PA
23-15-0492	LEON H UMBLE		SADSBURYVILLE	19369	PA
23-15-0507	JOHN S STOLTZFUS	R D 1	ATGLEN	19310	PA
23-15-0515	HARRY FREESE & SON	R D 2	OXFORD	19363	PA
23-15-0517	RAYMOND M WEAVER	R D 2	ELVERSON	19520	PA
23-15-0519	NICHOLAS YODER	R D 1	CHRISTIANA	17509	PA
23-15-0525	ARDROSSAN FARMS	DARBY&PAOLI RD ITH	VILLANOVA	19085	PA
23-15-0536	NORMAN W SHEELER	R D 1	GLEN MOORE	19343	PA
23-15-0570	DONALD HOSTETTER JR	R D	SADSBURYVILLE	19369	PA
23-15-0577	J ELWOOD LONGENECKER	R D 1	OXFORD	19363	PA
23-15-0579	LENAPE DAIRY FARM	G WOOD & DWIGHT RA	WAWA	19378	PA
23-15-0580	MERLE J KING	R D 1	COCHRANVILLE	19330	PA
23-15-0581	ROBERT & MAUDE COUNTS	R D 2	NOTTINGHAM	19362	PA
23-15-0589	CORBIN C MENDENHALL	CALN ROAD R D 1	COATESVILLE	19320	PA
23-15-0592	IRA M KENNEL	R D 3	ATGLEN	19310	PA
23-15-0593	WALMOORE	R D 2	COCHRANVILLE	19330	PA
23-15-0622	KAUFFMAN BROS	R D 1	ATGLEN	19310	PA
23-15-0628	BRYNCOED FARMS	R D 2	CHESTER SPRINGS	19425	PA
23-15-0630	DANIEL Z STOLTZFUS	R D 1	HONEY BROOK	19344	PA
23-15-0634	CHRIST L STOLTZFUS	R D 1	HONEYBROOK	19344	PA
23-16-0004	SHOOKS DAIRY	R D	SLIGO	16255	PA
23-16-0017	FABER MANOR FARMS	R D 1	MAYPORT	16240	PA
23-16-0045	MAHLES FARM	R D 2	CLARION	16214	PA
23-16-0074	WILLIAM J MOTZER	STAR ROUTE 1	TIONESTA	16353	PA
23-17-0003	STONE HOUSE FARM	209 WALNUT ST	CLEARFIELD	16830	PA
23-17-0023	CLYDE SANKEY	R F D 2	CLEARFIELD	16830	PA
23-17-0030	WILLIAM E MC FADDEN	R D 1	GRAMPIAN	16838	PA
23-17-0065	CARL G BRINK	R D 1	BERWINDALE	16618	PA
23-17-0070	HOWARD HARKLERROAD	R D 1	WESTOVER	16692	PA
23-18-0015	GILBERT FLEMING	R D 1	LAMAR	16848	PA
23-18-0017	HAROLD D MOORE	R D 1	MILL HALL	17751	PA
23-18-0018	MALCOLM PETERS & SON	R D 2	BEECH CREEK	16822	PA
23-18-0022	ERNEST STROUSE	R D 2	MILL HALL	17751	PA
23-18-0030	PAUL DOTTERER	R D 1	MILL HALL	17751	PA
23-18-0048	RICHARD FOX	R D 1	MILL HALL	17751	PA
23-18-0054	WILBUR KRAMER	R D 1	MILL HALL	17751	PA
23-18-0060	FERN T DUNKLE & SON	R D 1	MILL HALL	17751	PA
23-18-0064	WARD B CARSON	R D 2	JERSEY SHORE	17740	PA
23-18-0074	WILBUR W BOOB	R D 1	MILL HALL	17751	PA
23-18-0075	HARRY MEYER	R D	LOGANTON	17747	PA
23-18-0083	J ROBERT ELDRED		MACKEYVILLE	17750	PA
23-18-0100	KYLE AND HIMES		MACKEYVILLE	17750	PA
23-19-0014	CHARLES R SMITH	R D 1	BENTON	17814	PA
23-19-0061	MELVIN APPEGATE	R D 1	MILLVILLE	17846	PA

TABLE 9.--LIST OF HERD OWNERS (CONTINUED)

HERD CODE	NAME OF OWNER	STREET--ROUTE	TOWN	ZIP--CODE	STATE
23-19-0090	J A & W D FAIRCHILD	ROUTE 2	BERWICK	18603	PA
23-19-0103	SHULTZ BROS	ROUTE 1	BLOOMSBURG	17815	PA
23-19-0127	GLENN F SHAFFER	R D 5	BLOOMSBURG	17815	PA
23-20-0101	HARRY FIRTH	R F D 1	SPARTANSBURG	16434	PA
23-20-0109	HINES BROTHERS	R D 1	COCHRANTON	16314	PA
23-20-0120	JACK RYND	R 4	COCHRANTON	16314	PA
23-20-0122	ROBERT L PEGAN	R 4	COCHRANTON	16314	PA
23-20-0130	HASBROUCK FARMS	R 1	TITUSVILLE	16354	PA
23-20-0131	NEAL HASBROUCK	R 1	TITUSVILLE	16354	PA
23-20-0133	KERR HILL FARM	R D 1	CENTERVILLE	16404	PA
23-20-0140	LEE TURK & SONS	R 1	TITUSVILLE	16354	PA
23-20-0143	VOSBURGH FARMS	R 1	TITUSVILLE	16354	PA
23-20-0146	A-JAY FARMS	R D 1	SPARTANSBURG	16434	PA
23-20-0157	LYLE M HORNE	R D 1	ATLANTIC	16111	PA
23-20-0163	ROGER ROCKWELL	R D 3	UNION CITY	16438	PA
23-20-0211	LOREN MITCHELL & SON	R 2	SAEGERSTOWN	16433	PA
23-20-0254	MELVIN PROPER	R D 4	TITUSVILLE	16354	PA
23-20-0264	MILFORD BYLER & SON	R F D 1	SPARTANSBURG	16434	PA
23-20-0265	K E BAILEY & SON	ROUTE 2	CONNEAUTVILLE	16406	PA
23-20-0277	JOHN OSWALD	R D 1	HARTSTOWN	16131	PA
23-20-0279	ROY A HUBER	STAR ROUTE	MEADVILLE	16335	PA
23-20-0281	EARL CULBERTSON	R D 1	EDINBORO	16412	PA
23-20-0321	ROBERT DICKSON	R D 3	COCHRANTON	16314	PA
23-20-0322	DONALD DAVENPORT	R D 3	CAMBRIDGE SPRINGS	16316	PA
23-20-0326	ROOS & HOTSON	R D 6	MEADVILLE	16335	PA
23-21-0005	OTTO BROTHERS	R D 6	CARLISLE	17013	PA
23-21-0007	MERLE E MILLER	R F D 3	CARLISLE	17013	PA
23-21-0026	NORMAN HERTZLER	R D 2	MECHANICSBURG	17055	PA
23-21-0027	MARK R BASEHORE	R 4	MECHANICSBURG	17055	PA
23-21-0036	PAUL R CORNMAN	R D 2	MECHANICSBURG	17055	PA
23-21-0045	JACK K SUNDAY	R D 1	CARLISLE	17013	PA
23-21-0057	PAUL W CHRONISTER	R D 1	BOILING SPRINGS	17007	PA
23-21-0060	STATE CORRECTNL INST	R D 1	CAMP HILL	17011	PA
23-21-0062	CARL W LEHMAN	R D 2	CARLISLE	17013	PA
23-21-0077	RAY E HOSTETTER	R D 2	NEWVILLE	17241	PA
23-21-0082	STANLEY L SPENCER JR	R D 1	NEWVILLE	17241	PA
23-21-0084	J B BRYMESSER & SONS	FARM 1 R D 1	BOILING SPRINGS	17007	PA
23-21-0085	J B BRYMESSER & SONS	FARM 2 R D 1	BOILING SPRINGS	17007	PA
23-21-0086	CREEDIN C CORNMAN	R D 6	CARLISLE	17013	PA
23-21-0089	ASHCOMBE FARMS	BOX 14	GRANTHAM	17027	PA
23-21-0091	DAVID L MILLER	R R 2	SHIPPENSBURG	17257	PA
23-21-0096	OTTO SHIELDS	R D 6	CARLISLE	17013	PA
23-21-0098	RITTER BROS	R D 1	CARLISLE	17013	PA
23-21-0103	ROBERT E BARU	R D 1	SHIPPENSBURG	17257	PA
23-21-0105	LEE G DAVIDSON	STAR RT 2	SHIPPENSBURG	17257	PA

TABLE 9.--LIST OF HERD OWNERS (CONTINUED)

HERD CODE	NAME OF OWNER	STREET--ROUTE	ADDRESS OF OWNER TOWN	ZIP--CODE	STATE
23-21-0106	CHARLES SNOKE & SON	R D 1	HIPPENSBURG	17257	PA
23-21-0108	GERALD W GAYMAN	R D 1	SHIPPENSBURG	17257	PA
23-21-0142	FRANK E STONER	R F D 2	MECHANICSBURG	17055	PA
23-21-0162	HAROLD SKELLY	R D 5	CARLISLE	17013	PA
23-21-0184	HUGH ASPER	R D 3	SHIPPENSBURG	17257	PA
23-21-0194	RICHARD L LEHMAN	R D 2	NEWVILLE	17241	PA
23-21-0246	D LEHMAN & R BITNER	R D 4	CARLISLE	17013	PA
23-21-0257	BRUCE D DYARMAN	R D 1	SHIPPENSBURG	17257	PA
23-21-0277	PAUL STROCK	R D 2	MECHANICSBURG	17055	PA
23-21-0290	JACK C RULAR	R D 2	NEWVILLE	17241	PA
23-21-0297	PAUL O DYARMAN	R D 1	SHIPPENSBURG	17257	PA
23-21-0304	ALLEN DAIRY FARMS	BOX 10	CARLISLE	17013	PA
23-21-0309	EUGENE HOCH & SONS	R D 1	SHIPPENSBURG	17257	PA
23-21-0321	SAMUEL H COHICK	R D 2	NEWVILLE	17241	PA
23-21-0345	HARPER HERSHEY & SONS	R D 1 UNIT 1	SHIPPENSBURG	17257	PA
23-21-0349	DONALD ELLERMAN	R D 6	CARLISLE	17013	PA
23-21-0357	WM M MC CULLOCH & SONS	R D 2	SHIPPENSBURG	17257	PA
23-21-0362	ERBY WELER	R D 1	NEWBURG	17240	PA
23-21-0363	JOHN W FORRESTER	R D 1	SHIPPENSBURG	17257	PA
23-21-0365	NORMAN BOOZ	R D 1	SHIPPENSBURG	17257	PA
23-21-0367	AL & BEA KOST	R D 1	CARLISLE	17013	PA
23-21-0369	J J ZEIGLER & SON	R D 1	CARLISLE	17013	PA
23-21-0373	HARPER HERSHEY & SONS	R D 1 UNIT 2	SHIPPENSBURG	17257	PA
23-22-0003	HARRISBURG STATE HUS	RF PATTON POUCHA	HARRISBURG	17105	PA
23-22-0010	SAMUEL B WILLIAMS JR	2400 FULLING MILL	MIDDLETOWN	17057	PA
23-22-0016	JOHN HERTZLER	R D 2	ELIZABETHTOWN	17022	PA
23-22-0019	M H S FARM 49	FARM OFFICE	HERSHEY	17033	PA
23-22-0020	WARREN HERTZLER	2623 N MARKET ST	ELIZABETHTOWN	17022	PA
23-22-0052	SAMUEL L KEENER	2895 FULLING MILL	MIDDLETOWN	17057	PA
23-22-0064	SAMUEL J FULKROAD JR	R D 1	MILLERSBURG	17061	PA
23-22-0074	ROBERT J SCHAFER	R F D 1	ELIZABETHVILLE	17023	PA
23-22-0096	HOWARD KOPP & SONS	1597 COLEBROOK RD	MIDDLETOWN	17057	PA
23-22-0103	FLOYD FEIDT	R D 1	MILLERSBURG	17061	PA
23-22-0107	MAHLON L LEHMAN	R D 2	ELIZABETHTOWN	17022	PA
23-22-0109	RAY E FISHER	R D 1	MIDDLETOWN	17057	PA
23-22-0114	PEGMAR FARM	R D 2 BOX 474	HALIFAX	17032	PA
23-22-0115	J MELVIN BRANDT	BOX 127	HERSHEY	17033	PA
23-24-0001	H J GREGORY	ROUTE 3	ST MARYS	15857	PA
23-24-0003	RAYMOND L YOUNGDAHL	R F D 1	BRICKPORT	15823	PA
23-24-0005	G C GROTZINGER	RUSLY ROAD	ST MARYS	15857	PA
23-25-0109	HOLDSON FARMS	R D 1	WEST SPRINGFIELD	16443	PA
23-25-0111	ERNEST MARSH	ROUTE 4	WATERFORD	16441	PA
23-25-0163	WALLACE MAY	R D 6	ERIE	16510	PA
23-25-0209	JAMES HAMMOND	R D 1	CORRY	16407	PA
23-25-0364	HENRY ESTER	ROUTE 1	WATTSBURG	16442	PA

TABLE 9.--LIST OF HERD OWNERS(CONTINUED)

HERD CODE	NAME OF OWNER	STREET--ROUTE	TOWN	ZIP-CODE	STATE
23-25-0320	MRS PETER SCHURMAN	R F D 4	CORRY	16407	PA
23-25-0453	JOHN H B JOHNSON	R D 1	ATERFORD	16441	PA
23-25-0461	LARUE MC W RYAN	R F D 3	WATERFORD	16441	PA
23-25-0507	CALVIN H HENRY	R D 2	WATTSBURG	16442	PA
23-25-0527	WILBER OTTENI	ROUTE 1	MC KEAN	16426	PA
23-25-0563	JAMES E SHERMAN	R D 3	LUNDYS LANE	16425	PA
23-25-0571	ROLAND GATES	25 RIDGEVIEW DRIVE	CORRY	16407	PA
23-26-0020	WMS & RITCHEY FARM	1610 RIDGE BLVD	UNIONTOWN	15401	PA
23-26-0024	SHAFFER FARMS	R D 2 BOX 211	CONNELLSVILLE	15425	PA
23-26-0040	PAUL BURD & SONS		UNIONTOWN	15401	PA
23-26-0051	LAWRENCE LEONARD	R D 1	OHIOPOLE	15470	PA
23-26-0068	J D MILLER	R D 1	ACME	15610	PA
23-28-0003	NURMAN SOLLENBERGER	R D 1	FAYETTEVILLE	17222	PA
23-28-0005	L MARION LESHER	R D 1	CHAMBERSBURG	17201	PA
23-28-0012	JOHN E SOLLENBERGER	R D 1	CHAMBERSBURG	17201	PA
23-28-0021	T K NITTERHOUSE	R D 6	CHAMBERSBURG	17201	PA
23-28-0028	J W STONER	R D 2	MERCERSBURG	17236	PA
23-28-0029	M H BALDNER	R D 1	ST THOMAS	17252	PA
23-28-0030	J ROBERT MEYERS	BOX 63	ST THOMAS	17252	PA
23-28-0035	FOREMAN HEIRS	R D 2	MERCERSBURG	17236	PA
23-28-0040	NEELTON FARM	BOX 67	MERCERSBURG	17236	PA
23-28-0043	PAUL D ECKSTINE	R D 2	MERCERSBURG	17236	PA
23-28-0046	J L BRAKE	R D 2	MERCERSBURG	17236	PA
23-28-0048	D ELMER HAWBAKER	LINDEN AV	MERCERSBURG	17236	PA
23-28-0062	ELDAD KEENER	R D 1	MERCERSBURG	17236	PA
23-28-0067	NORMAN R BRICKER	R D 3	CHAMBERSBURG	17201	PA
23-28-0069	ROY K LEHMAN & SON	R D 3	SHIPPENSBURG	17257	PA
23-28-0070	JOHN A TIL & SON	R D 1	NEWBURG	17240	PA
23-28-0086	ROBERT MELLOTT	R D 2	MERCERSBURG	17236	PA
23-28-0114	S MINOR ROBINSON		FT LOUDON	17224	PA
23-28-0115	KENNETH MELLOTT	R D 2	MERCERSBURG	17236	PA
23-28-0123	J J & C W MEYERS	R D 1 BOX 241	GREENCASTLE	17225	PA
23-28-0143	MERION M MOONEY	R D 3	SHIPPENSBURG	17257	PA
23-28-0163	HAROLD F CRIDER	R D 5	CHAMBERSBURG	17201	PA
23-28-0164	MARSHALL WITTER	R D 1	MERCERSBURG	17236	PA
23-28-0172	HERBERT M DICE	R D 4	CHAMBERSBURG	17201	PA
23-28-0186	GLENN K MUMMERT	R D 1	CHAMBERSBURG	17201	PA
23-28-0188	HAWBAKER & DIXON	R R 6	CHAMBERSBURG	17201	PA
23-28-0191	NORMAN J BRECKBILL	R D 2	FAYETTEVILLE	17222	PA
23-28-0204	J CHALMERS YOUNG JR	R D 2	GREENCASTLE	17225	PA
23-28-0211	CHESTER C DICK	R D 1	NEWBURG	17240	PA
23-28-0229	MARLIN G BRICKER	R R 2	CHAMBERSBURG	17201	PA
23-28-0235	WILLIAM P DESHONG	R D 3	GREENCASTLE	17225	PA
23-28-0256	DR&MRS FORREST SMITH	560 S 7TH STREET	CHAMBERSBURG	17201	PA
23-28-0258	HAROLD L CRIDER	R D 5	CHAMBERSBURG	17201	PA

TABLE 9.--LIST OF HERD OWNERS (CONTINUED)

HERD CODE	NAME OF OWNER	STREET-ROUTE	TOWN	ZIP-CODE	STATE
23-28-0263	PAUL A MARTIN	R D 2	MERCERSBURG	17236	PA
23-28-0280	PAUL C SKELLY	R D 1	CHAMBERSBURG	17201	PA
23-28-0282	J ELDON GRIDER	R D 5	CHAMBERSBURG	17201	PA
23-28-0289	MERLE D WOODRING	R D 3	CHAMBERSBURG	17201	PA
23-28-0296	JAMES C WITTER	STAR ROUTE 1	SHIPPENSBURG	17257	PA
23-28-0298	CHRISTIAN H KUHN	R D 1	CHAMBERSBURG	17201	PA
23-28-0304	GEORGE SKELLY	R D 5	CHAMBERSBURG	17201	PA
23-28-0316	HALL & LOVE	STAR ROUTE 1	SHIPPENSBURG	17257	PA
23-28-0323	RICHARD F SHOOP	STAR ROUTE 2	SHIPPENSBURG	17257	PA
23-28-0325	JOHN D LONG	R D 2	GREENCASTLE	17225	PA
23-28-0328	MYR-LEA FARMS	R D 1	GREENCASTLE	17225	PA
23-28-0330	RAY V HOLLENSHEAD	R D 1	MERCERSBURG	17236	PA
23-28-0334	JOSEPH F LONG	R D 2	GREENCASTLE	17225	PA
23-28-0338	HOWARD J MELLOTT	R D 2	MERCERSBURG	17236	PA
23-28-0342	CLARENCE ADAMS & SON		WILLOW HILL	17271	PA
23-28-0344	J WILBUR BURKHOLDER	R D 1	CHAMBERSBURG	17201	PA
23-29-0006	C KENNETH GORDON		MC CONNELLSBURG	17233	PA
23-29-0009	JOEL KNEPPER		HUSTONTOWN	17229	PA
23-29-0022	ROY HOLLENSHEAD		HARRISONVILLE	17228	PA
23-29-0085	SEIBERT STRAIT		WARFORDSBURG	17267	PA
23-31-6003	EVERGREEN FARM NO 1		PENNA FURNACE	16638	PA
23-31-6004	EVERGREEN FARM NO 2		PENNA FURNACE	16865	PA
23-31-0010	BENJAMIN F REED		WARRIORS MARK	16677	PA
23-31-0015	GLENN E HOUCK		SPRUCE CREEK	16683	PA
23-31-0023	DALAND FARMS	R D 2	HUNTINGDON	16652	PA
23-31-0024	BYRD TUSSEY & SON	R D 2	HUNTINGDON	16652	PA
23-31-0031	GEORAN FARMS	2 G R BRUMBAUGH	JAMES CREEK	16657	PA
23-31-0032	STATE CORRECTIONAL	INSTITUTION	HUNTINGDON	16652	PA
23-31-0064	GEORGE SMITH	R D 1	MILL CREEK	17060	PA
23-31-0067	RONALD E WAITE	R D 4 BOX 269	TYRONE	16686	PA
23-31-0100	JOHN C BEHRER		SPRUCE CREEK	16683	PA
23-31-0110	KNODALE FARM	R D 1	ALEXANDRIA	16611	PA
23-31-0141	CAMPBELL FARMS INC	R D 4	TYRONE	16686	PA
23-31-0142	WILLIAM H HICKS	R D 4 BOX 262	TYRONE	16686	PA
23-31-0145	WILLIAM H ANDERSON	R D 1	TYRONE	16686	PA
23-31-0161	HAWN BROTHERS	R D	PETERSBURG	16669	PA
23-31-0168	HERBERT L PRICE	R D 1	SHIRLEYSBURG	17260	PA
23-31-0175	GEARY E SHADE	R D	ALEXANDRIA	16611	PA
23-31-0201	LAUREL RUN FARMS	R D	PETERSBURG	16669	PA
23-31-0202	GILLBROOK FARMS NOS		WARRIORS MARK	16877	PA
23-32-0003	CARL E WALKER	R 1	MARION CENTER	15759	PA
23-32-0012	TORRANCE STATE HOSP		TORRANCE	15779	PA
23-32-0015	DR F G EDWARDS	R 1	INDIANA	15701	PA
23-32-0017	TRUBY S BEERS	R 2	CLARKSBURG	15725	PA
23-32-0023	JOHN M MC MILLEN	R 2	MARION CENTER	15759	PA

TABLE 9.--LIST OF HERD OWNERS (CONTINUED)

HERD CODE	NAME OF OWNER	STREET-ROUTE	TOWN	ZIP-CODE	STATE
23-32-0030	NICHOL TURKEY FARM	R D 4	INDIANA	15701	PA
23-32-0040	WAYNE WOOD		SHELOCTA	15774	PA
23-32-0051	RICHARD BLACK	R D 2	MARION CENTER	15759	PA
23-32-0053	R B NICHOL	R D 2	MARION CENTER	15759	PA
23-32-0058	JERRY NESBIT		MARCHAND	15758	PA
23-32-0120	DONALD E SIMPSON	R D 1	INDIANA	15701	PA
23-32-0123	RALPH W COON	R D 1	SMICKSBURG	16256	PA
23-33-0018	CORBINVIEW FARMS	R D 2	REYNOLDSVILLE	15851	PA
23-33-0024	DONALD S REED & SONS	R D 3	REYNOLDSVILLE	15851	PA
23-33-0057	BEN RAYBUCK	R D 1	BROCKWAY	15824	PA
23-33-0067	BLAKE & JOHN J PARK	SIGEL ROAD	BROOKVILLE	15825	PA
23-33-0070	JACK T SMITH	R D 1	BROCKWAY	15824	PA
23-33-0082	RALPH R YOUNG JR	BOX 22	RINGGOLD	15770	PA
23-33-0083	SANDY FARMS	R D 2	MAYPORT	16240	PA
23-33-0093	SMITH OAK FARM	R D 2 BOX 63	REYNOLDSVILLE	15851	PA
23-34-0001	ROBERT C KAUFFMAN	R D 2 BOX 14	MIFFLINTOWN	17059	PA
23-34-0006	JOSEPH W SEIBER JR	R D 2	MC ALISTERVILLE	17049	PA
23-34-0007	JAMES C ADAMS	R D 2	MIFFLINTOWN	17059	PA
23-34-0008	JOHN H CUNNINGHAM	R D 2	MIFFLINTOWN	17059	PA
23-34-0015	S F METZ		MIFFLINTOWN	17059	PA
23-34-0016	JAMES H SPEER SR		BLAIRS MILL	17213	PA
23-34-0018	RAYMOND NOSS & SONS	R D 1	PORT ROYAL	17082	PA
23-34-0023	RICHARD B CRAWFORD	R D 1	PORT ROYAL	17082	PA
23-34-0026	CARL MC CLURE	R D 2	PORT ROYAL	17082	PA
23-34-0042	GEORGE LOVE & SON	R D # 1	EAST WATERFORD	17021	PA
23-34-0045	C W BOOK	BOX 176	MIFFLINTOWN	17059	PA
23-34-0052	THEODORE E WAGNER	R D 2	MIFFLINTOWN	17059	PA
23-34-0053	CHARLES WOCHLEY	R D 2 BOX 104	MT PLEASANT MILLS	17853	PA
23-34-0054	DONALD ADAMS	R D 2	PORT ROYAL	17082	PA
23-34-0061	JAMES H SPEER JR		BLAIRS MILL	17213	PA
23-34-0062	JACOB K ZOOK	R D 1	PORT ROYAL	17082	PA
23-34-0063	RAYMOND E KAUFFMAN	STAR ROUTE	MIFFLINTOWN	17059	PA
23-34-0065	DONALD M WHITESEL	R D 2 BOX 229	MIFFLINTOWN	17059	PA
23-34-0070	LAWRENCE BENNER	R D 2	MC ALISTERVILLE	17049	PA
23-34-0071	HARRY E CLARK	R D 1	EAST WATERFORD	17021	PA
23-34-0075	RICHARD PEACHEY	STAR ROUTE	MIFFLIN	17058	PA
23-34-0076	ROBERT M PETERSON	R D 1	HONEY GROVE	17035	PA
23-34-0078	MERRILL E SIEBER	R D 1	THOMPSONTOWN	17094	PA
23-34-0079	JAMES C GRAHAM	R D 1	PORT ROYAL	17082	PA
23-34-0082	SAMUEL BENNER JR	R D 2	MIFFLINTOWN	17059	PA
23-34-0085	HOWARD WILLOW	R D 1	MILLERSTOWN	17062	PA
23-34-0089	MARVIN L PEOPLES	R D	MC ALISTERVILLE	17062	PA
23-34-0092	GLENN GRAY & SON	R D 1	HONEY GROVE	17021	PA
23-34-0093	ELMER A NOSS	R D 1	HONEY GROVE	17035	PA
23-34-0094	FREEBURN LOVE	R D 1	EAST WATERFORD	17021	PA

TABLE 9.--LIST OF HERD OWNERS(CONTINUED)

HERD CODE	NAME OF OWNER	STREET-ROUTE	TOWN	ADDRESS OF OWNER	ZIP-CODE	STATE
23-34-0095	DALE G GINGRICH	R D 2 BOX 220	MIFFLINTOWN		17059	PA
23-35-0001	CARROLL DECKER	R D 1	FACTORYVILLE		18419	PA
23-35-0012	C I REYNOLDS	R D 1	DALTON		18414	PA
23-35-0022	HOWARD JOHNSON	R D 1	JERMYN		18433	PA
23-35-0035	FLOYD ALT	STAR ROUTE	MOSCOW		18444	PA
23-35-0055	H S CORSELIUS SONS	R F D 3	CLARKS SUMMIT		18411	PA
23-35-0080	ANDREW YEDINAK & SON	R D 2	MOSCOW		18444	PA
23-35-0082	GEORGE SHEYPUK	R D 1 BOX 161	JERMYN		18433	PA
23-35-0097	PAUL DARLING	R D 1	NICHOLSON		18446	PA
23-35-0107	JOSEPH KAZMIERSKI	R D 1	OLYPHANT		18447	PA
23-35-0112	LA VERNE BARBER	R D 2	FACTORYVILLE		18419	PA
23-36-0010	EZRA M MARTIN	R D 1	EPHRATA		17522	PA
23-36-0011	NELSON E MARTIN	R D 1	EPHRATA		17522	PA
23-36-0014	HENRY W MARTIN	R D 1	EPHRATA		17522	PA
23-36-0023	WILMER G KRAYBILL	R D 2	ELVERSON 2		19520	PA
23-36-0031	PARKE H RANCK	R F D 1	RONKS		17572	PA
23-36-0040	HAYES A HASTINGS	R F D 1	KIRKWOOD		17536	PA
23-36-0046	JAY C GARBER	R 6	LANCASTER		17603	PA
23-36-0053	LANC MENNONITE HOSP	% MARK MARTIN R D	LEBANON		17042	PA
23-36-0056	MELVIN R EBY	R F D 1	GORDONVILLE		17529	PA
23-36-0057	ROY H & RUTH H BOOK	R D 1	RONKS		17572	PA
23-36-0062	MELVIN R STOLTZFUS	R D 1	RONKS		17572	PA
23-36-0077	ALLEN K RISSER	R D 1	LEOLA		17540	PA
23-36-0079	DONALD S EBY	R F D 1	GORDONVILLE		17529	PA
23-36-0080	GEORGE WEAVER	R D 1	NEW HOLLAND		17557	PA
23-36-0099	DANIEL E TRIMBLE	R D 1	QUARRYVILLE		17566	PA
23-36-0101	JESSE CUTLER	R D 1	DRUMORE		17518	PA
23-36-0110	HARRY G KREIDER	R D 1	QUARRYVILLE		17566	PA
23-36-0117	ELIAS Z MUSSER	R F D 1	MT JOY		17552	PA
23-36-0120	HESS & EBERSOLE	R D 1	MT JOY		17552	PA
23-36-0126	LEWIS E BIXLER	R F D 1	MARIETTA		17547	PA
23-36-0130	J RICHARD GARBER	R D 1	ELIZABETHTOWN		17022	PA
23-36-0139	ERNEST J SAUDER	R F D 1	LANCASTER		17601	PA
23-36-0145	HENRY E KETTERING	R D 3	LITITZ		17543	PA
23-36-0147	STIEGEL VALLEY FARM	R D 3	MANHEIM		17545	PA
23-36-0164	TITUS M HURST	R D 3	LITITZ		17543	PA
23-36-0174	R F & L A WITMER	R F D 1	WILLOW STREET		17584	PA
23-36-0176	CLARENCE H HARNISH	2105 PEQUEA LANE	LANCASTER		17602	PA
23-36-0211	IVAN S STOLTZFUS	R D 1	HONEY BROOK		19344	PA
23-36-0236	ELAM B BEILER	R F D 1	GORDONVILLE		17529	PA
23-36-0241	A D HOOVER & SONS	R D 2 BOX 264A	GAP		17527	PA
23-36-0252	BRINTON & EAGER	CIRCLE DRIVE	QUARRYVILLE		17566	PA
23-36-0259	C RICHARD LANDIS	2306 HORSESHOE ROA	LANCASTER		17601	PA
23-36-0268	BRUCE H HERSHEY	R D 3	MANHEIM		17545	PA
23-36-0272	WILLIS M GROFF	R F D 1	NEW PROVIDENCE		17560	PA

TABLE 9.--LIST OF HERD OWNERS (CONTINUED)

HERD CODE	NAME OF OWNER	STREET--ROUTE	TOWN	ADDRESS OF OWNER	ZIP--CODE	STATE
23-36-0275	JOHN M NISSLEY	R D 1	BAINBRIDGE		17502	PA
23-36-0290	BEN M STOLTZFUS	R D 1 BOX 229	HONEY BROOK		19344	PA
23-36-0293	JOHN U STOLTZFUS	R D 2	ELVERSON		19520	PA
23-36-0296	PAUL N BRUBACHER	R D 2	ELVERSON		19520	PA
23-36-0299	IVAN ZOOK	R D 2	ELVERSON		19520	PA
23-36-0308	AMOS M STOLTZFUS	R D 2	ELVERSON		19520	PA
23-36-0313	ROBERT C GROFF	R D 3	QUARRYVILLE		17566	PA
23-36-0316	RAYMOND M HOOVER	R 1	GAP		17527	PA
23-36-0318	DALE E HIESTAND	R D 1	BAINBRIDGE		17502	PA
23-36-0320	REUBEN Z SMOKER	R D 2	ELVERSON 2		19520	PA
23-36-0321	IRWIN W ENGLE	R D 1	MARIETTA		17547	PA
23-36-0326	EDWIN J LANDIS	1406 LAMPETER ROAD	LANCASTER		17602	PA
23-36-0327	JOHN N RUTT	R D 1	EPHRATA		17522	PA
23-36-0328	EARL SMOKER	R D 1	STEVENS		17578	PA
23-36-0347	ALBERT E FRY	ROUTE 2	MANHEIM		17545	PA
23-36-0348	MERVIN NISSLEY	ROUTE 1	RAINBRIDGE		17502	PA
23-36-0352	JOHN N LANDIS	1804 HEMPSTEAD ROAD	LANCASTER		17601	PA
23-36-0364	WILLIAM H DOUTS	R D 1	DRUMORE		17518	PA
23-36-0366	CLARENCE M MURRY	R D 1	DRUMORE		17518	PA
23-36-0378	GALEN W CROUSE	R D 1	STEVENS		17578	PA
23-36-0386	J FLOYD KREIDER	R F D 2	MT JOY		17552	PA
23-36-0388	WILBUR N ERB	R D 1	MT JOY		17552	PA
23-36-0389	BEN S STOLTZFUS	R D 2	HONEY BROOK		19344	PA
23-36-0392	Q P H & W G WHARTON	R D 2	QUARRYVILLE		17566	PA
23-36-6403	SHOEMAKER BROS FM 1	R F D 1	KIRKWOOD		17536	PA
23-36-0408	JOHN M HARNISH	1036 BEAVER VALLEY	LANCASTER		17602	PA
23-36-0411	H RICHARD HERSHEY	R D 1	LITITZ		17543	PA
23-36-0413	MAHLON M FRY	R F D 1	ELIZABETHTOWN		17022	PA
23-36-0417	CURTIS E AKERS	R D 1	QUARRYVILLE		17566	PA
23-36-0424	ARTHUR D WENGER	R D 2	MANHEIM		17545	PA
23-36-0425	JESSE G BALMER	R D 4	LITITZ		17543	PA
23-36-0427	HERB & RHELDA ROYER	2025 OREGON PIKE	LANCASTER		17601	PA
23-36-0428	HARRY N RUTT	R D 1	EPHRATA		17522	PA
23-36-0430	SETH J LAPP	R D 2	NOTTINGHAM		19362	PA
23-36-0436	SAM & ALLEN KREIDER	R F D 1	QUARRYVILLE		17566	PA
23-36-0440	W ERVIN DE LUNG	R D 1	QUARRYVILLE		17566	PA
23-36-0443	LLOYD WOLF	R D 2	QUARRYVILLE		17566	PA
23-36-0446	L P & G L KREIDER	R D 1	QUARRYVILLE		17566	PA
23-36-0448	EARL L HERSHEY	R D 2	QUARRYVILLE		17566	PA
23-36-0451	DAVID S HUBER	R F D 2	PEACH BOTTOM		17563	PA
23-36-0454	BURTON Y STAMAN	P O B X 63	COLUMBIA		17512	PA
23-36-0458	CLYDE M BUCHEN	ROUTE 3	MANHEIM		17545	PA
23-36-0462	RAYMOND R BARGE	R 2	RONKS		17572	PA
23-36-0469	JUNAS S NOLT	R D 2	PEACH BOTTOM		17563	PA
23-36-0471	MERVIN M WEAVER	R D 2	NEW HOLLAND		17557	PA

TABLE 9.--LIST OF HERD OWNERS(CONTINUED)

HERD CODE	NAME OF OWNER	STREET-ROUTE	TOWN	ZIP-CODE	STATE
23-36-0474	JOHN OMAR STOLTZFUS	R D 1	HONEY BROOK	19344	PA
23-36-0478	J MOWERY FREY JR	401 BEAVER VALLEY	LANCASTER	17602	PA
23-36-0495	ELMER H WEBER	R D 1	PEACH BOTTOM	17563	PA
23-36-0497	PAUL B ZIMMERMAN	R D 1	EPHRATA	17522	PA
23-36-0498	MELVIN G STOLTZFUS	R D 1	ELVERSON	19520	PA
23-36-0529	W P & J B BUCHER	R F D 1	QUARRYVILLE	17566	PA
23-36-0531	SAMUEL M AUGSBURGER	R D 1	NEW HOLLAND	17557	PA
23-36-0536	CLYDE W MARTIN	R D 1	EAST EARL	17519	PA
23-36-0537	ELMER S MYERS	R D 1	MT JOY	17552	PA
23-36-0541	DONALD L HERSHEY	ROUTE 2	MANHEIM	17545	PA
23-36-0546	ISAAC K EBY	R D 3	EPHRATA	17522	PA
23-36-0550	MARK P STOLTZFUS	2453 CREEK HILL RO	LANCASTER	17601	PA
23-36-0557	AARON K STOLTZFUS	R D 1	HONEY BROOK	19344	PA
23-36-0559	C WITMER SHERER	ROUTE 4	MANHEIM	17545	PA
23-36-0560	MAHLON SHOEMAKER SON	R F D 1	OXFORD	19363	PA
23-36-0564	AARON S TYSON	BOX 48	LAWN	17041	PA
23-36-0566	EARL E MARTIN	R D 1	EPHRATA	17522	PA
23-36-0577	AMOS B LANTZ	R D 1	LEOLA	17540	PA
23-36-0579	CLAIR M HERSHEY	R D 2	WILLOW STREET	17584	PA
23-36-0581	JOHN L BEILER	R D 1	GAP	17527	PA
23-36-0587	HARRY H RANCK JR	R D 1	RONKS	17572	PA
23-36-0599	ROBERT F&JOAN B BOOK	11 SOUTH HERSHEY A	LEOLA	17540	PA
23-36-0601	J EARL HORST	R D 2	NEW HOLLAND	17557	PA
23-36-0603	FURRY H FREY	1343 GYPSY HILL RO	LANCASTER	17602	PA
23-36-0604	HARRY ZIMMERMAN JR	R D 1	EAST EARL	17519	PA
23-36-0605	MASONIC HOMES FARMS	ROY BOUTWELL	ELIZABETHTOWN	17022	PA
23-36-0608	ELI M KAUFFMAN	R D 1	ELVERSON	19520	PA
23-36-0609	NATHAN G STOLTZFUS	R D 2	ELVERSON	19520	PA
23-36-0611	DAN S STOLTZFUS	R D 1	MT JOY	17552	PA
23-36-0614	WILLIAM J AARON	R D 1	QUARRYVILLE	17566	PA
23-36-0618	JAMES F MYER	R D 2	LITITZ	17543	PA
23-36-0619	ELMER & C N HERSHEY	R D 1	RONKS	17572	PA
23-36-0625	MARTIN H GOOD	R D 1	EAST EARL	17519	PA
23-36-0629	KENNETH B GARBER	R D 2	WILLOW STREET	17584	PA
23-36-0631	ESTHER & ROBT WAGNER	R F D 2	QUARRYVILLE	17566	PA
23-36-0643	UMAR H HESS	R D 1	LEOLA	17540	PA
23-36-0644	C ROBERT GREIDER	R D 2	COLUMBIA	17512	PA
23-36-0653	LESTER M WEAVER	R D 1	QUARRYVILLE	17566	PA
23-36-0657	DAVID W SWEIGART	ROUTE 3 BOX 321	ELIZABETHTOWN	17022	PA
23-36-0659	PAUL E MARTIN	R D 1	STEVENS	17578	PA
23-36-0665	FRANK S WEIDMAN	R D 1	CHRISTIANA	17509	PA
23-36-0670	JOHN J LANDIS	2648 CREEK HILL RO	LANCASTER	17601	PA
23-36-0673	IVAN Z MARTIN	R D 1	LITITZ	17543	PA
23-36-0679	NATHAN E STOLTZFUS	R D 2 BOX 271	GAP	17527	PA
23-36-0684	LESTER M HANTHORNE	R D 1	ELIZABETHTOWN	17022	PA

TABLE 9.--LIST OF HERD OWNERS (CONTINUED)

HERD CODE	NAME OF OWNER	STREET-ROUTE	TOWN	ZIP-CODE	STATE
23-36-0688	HARRY L TROOP	R D 1	COCHRANVILLE	19330	PA
23-36-0699	GRANT H KIEFFER	R D 2	PEACH BOTTOM	17563	PA
23-36-0702	J KENNETH HERSHEY	R D 1	KINZERS	17535	PA
23-36-0705	H LANDIS WEAVER	R D 2	QUARRYVILLE	17566	PA
23-36-0710	J DAVID SHANK	R D 1	CONESTOGA	17516	PA
23-36-0717	TRIPLE G FARM	R D 1	STEVENS	17578	PA
23-36-0721	JOHN K STOLTZFUS	R D 1	PARADISE	17562	PA
23-36-0728	IVAN M HURSH	R D 1	EPHRATA	17522	PA
23-36-0730	DANIEL L ESH	BOX 203	INTERCOURSE	17534	PA
23-36-0731	WILLIAM P ARROWSMITH	R D 1	PEACH BOTTOM	17522	PA
23-36-0732	KENNETH E ZURIN	R D 2	MT JOY	17522	PA
23-36-0734	PAUL H HURSH	R D 4	LITITZ	17543	PA
23-36-0742	KENNETH L BIELER	R D 1	PARADISE	17562	PA
23-36-0744	MUSES N GOOD	R D 1	MOUNT JOY	17552	PA
23-36-0749	LANTZ BROTHERS	R D 1	GORDONVILLE	17545	PA
23-36-0752	WEIDLER BROTHERS	R F D 2 BOX 244	PALMYRA	17078	PA
23-36-0754	WILLIS M MARTIN	R D 2	NEW HOLLAND	17577	PA
23-36-0759	M IRVIN EBERLY	R D 1	GAP	17527	PA
23-36-0763	SAMUEL K STOLTZFUS	R D 1	GORDONVILLE	17529	PA
23-36-0764	TITUS B STUNER	R D 1 BOX 763	MANHEIM	17545	PA
23-36-0766	JOHN J LAPP	R D 1	NEW HOLLAND	17557	PA
23-36-0770	IVAN BOWMAN JR	R D 1	RONKS	17572	PA
23-36-0771	SAMUEL F LONG	R D 4 BOX 195	MANHEIM	17545	PA
23-36-0775	V FERRY ROHRER	R D 2	COLUMBIA	17512	PA
23-36-0778	MELVIN L SHERTZER	R D 1 BOX 113	MILLERSVILLE	17551	PA
23-36-0780	CHRISTIAN K LAPP	R D 2	GAP	17527	PA
23-36-0783	DAVID S LAPP	R D 1	GORDONVILLE	17529	PA
23-36-0784	DAVID H WEILER	R D 1	EPHRATA	17522	PA
23-36-0787	JACOB S DIENNER	R D 1 BOX 79	GAP	17527	PA
23-36-0788	H HOSTETTER & W EBY	R D 1	WASHINGTON BORO	17582	PA
23-36-0789	JOHN S WENGER	R D 2	NEW HOLLAND	17557	PA
23-36-0790	JOSEPH BRILL	R D 6	LANCASTER	17603	PA
23-36-0799	B F & MARY ESHELMAN	R D 1 BOX 841D	MANHEIM	17545	PA
23-36-0802	J MOWERY FREY	1831 HANS HERR DRI	LANCASTER	17602	PA
23-36-0813	JOHN M SMUCKER	R D 1 BOX 282	GAP	17527	PA
23-36-0814	JAMES A HESS	R D 2	QUARRYVILLE	17566	PA
23-36-0817	DAVID B KING	1927 HORSESHOE RD	LANCASTER	17601	PA
23-36-0819	JAMES A NEWCOMER	R D 1 BOX 118	MT JOY	17552	PA
23-37-0004	JOHN O BENSON	R D 7 BOX 281	NEW CASTLE	16102	PA
23-37-0006	KENNETH BOYLES	1824 EASTBROOK R	NEW CASTLE	16101	PA
23-37-0012	DALE E CURRIE	R D 6 BOX 338	NEW CASTLE	16101	PA
23-37-0031	HARRIS A MC CLELLAND	R D 7 BOX 89	NEW CASTLE	16102	PA
23-37-0034	H MCCURLEY & R KENNY	R D 2	ENON VALLEY	16120	PA
23-37-0064	M & HAROLD WILSON	R D 2	PORTERSVILLE	16051	PA
23-37-0069	GUY M FULLERTON	R D 2	ENON VALLEY	16120	PA

TABLE 9.--LIST OF HERD OWNERS(CONTINUED)

HERD CODE	NAME OF OWNER	STREET--ROUTE	ADDRESS OF OWNER TOWN	ZIP--CODE	STATE
23-37-0072	CLARKS DAIRY FARM	R D 1	ENON VALLEY	16120	PA
23-38-0004	LEON H BERNDT	R D 2	MYERSTOWN	17067	PA
23-38-0011	AMMON G BRUBAKER	R D 2	MYERSTOWN	17067	PA
23-38-0014	HAROLD G BOLLINGER	R D 1	NEWMANSTOWN	17073	PA
23-38-0017	HUBERT S MILLER	R D 2	MYERSTOWN	17067	PA
23-38-0019	FERNDAL FARM	R D 1	LEBANON	17042	PA
23-38-0021	SIMON D BUCHER	R F D 1	ANNVILLE	17003	PA
23-38-0023	DAVID BRANDT	R F D 1	ANNVILLE	17003	PA
23-38-0029	RALPH E SELLERS	R F D 4	LEBANON	17042	PA
23-38-0030	M H & E E HOUSER	R F D 5	LEBANON	17042	PA
23-38-0035	CLAIR H GERBERICH	R F D 1	JONESTOWN	17038	PA
23-38-0039	ALFRED R BRANDT	R F D 2	LEBANON	17042	PA
23-38-0045	MARLIN HITZ	RURAL ROUTE 1	ANNVILLE	17003	PA
23-38-0052	ELWOOD E WEIDMAN	1818 KENBROOK RD	LEBANON	17042	PA
23-38-0053	HARVEY T BOMGARDNER	PURAL ROUTE 1	ANNVILLE	17003	PA
23-38-0086	ROBERT H BUCHER	R F D 1	ANNVILLE	17003	PA
23-38-0111	JOHN R FORTNA	R D 3	LEBANON	17042	PA
23-38-0117	MAURICE M BENNETCH	R D 1	NEWMANSTOWN	17073	PA
23-38-0122	WILLIAM R MEYER	R D 1	MYERSTOWN	17067	PA
23-38-0123	SIMON S GINGRICH	R F D 4	LEBANON	17042	PA
23-38-0129	NED LAYSER	R D 2	ANNVILLE	17003	PA
23-38-0157	BENNETCH BROS	R D 2	MYERSTOWN	17067	PA
23-38-0172	RUSSEL S HOUSER	R F D 2	ANNVILLE	17003	PA
23-38-0173	GLENN A SONNEN	R F D 1	RICHLAND	17087	PA
23-38-0174	ALVIN M WEAVER	R D 3	LEBANON	17042	PA
23-38-0179	HENRY G OLESH	R D 1	FREDERICKSBURG	17026	PA
23-38-0183	MARK COPENHAVER	R 4	LEBANON	17042	PA
23-38-0187	HAROLD WAMPLER	R D 4	LEBANON	17042	PA
23-38-0196	ELMER ROHRER	R D 1	LEBANON	17042	PA
23-38-0198	WARREN HEFFELFINGER	R D 2	LEBANON	17042	PA
23-38-0206	RAY R SATTIAZAHN	R D 2	LEBANON	17042	PA
23-38-0212	FRANK J HOKE	R D 1 BOX 141	ANNVILLE	17003	PA
23-38-0214	IRVIN HORST	R D 1	NEWMANSTOWN	17073	PA
23-38-0217	MARK H BOMBERGER&SON	R F D 1	LEBANON	17042	PA
23-38-0218	BARE BROS DAIRY	R D 2	LEBANON	17042	PA
23-38-0224	MARK C PATCHES	201 FUNDERWHITE RD	LEBANON	17042	PA
23-38-0225	RALPH H EMRICH	R D 2	ANNVILLE	17003	PA
23-38-0240	EDWARD L ARNOLD	R D 2	LEBANON	17042	PA
23-38-0241	OSCAR VAN LIEU	R D 2	LEBANON	17042	PA
23-38-0242	MYRON A KING	R D 1	LEBANON	17042	PA
23-39-0015	ALLENTOWN ST HOSP FM	J R KILGORE R D 1	NORTHAMPTON	18067	PA
23-39-0029	HUBERT SELL	R D 1	SCHNECKSVILLE	18078	PA
23-39-0036	LLOYD LICHTENWALNER	R D 1	CENTER VALLEY	18034	PA
23-39-0105	RUSSELL K DIETRICH	R D 1	NEW TRIPOLI	18066	PA
23-39-0106	RALPH DIETRICH	R D 1	NEW TRIPOLI	18066	PA

TABLE 9.--LIST OF HERD OWNERS (CONTINUED)

HERD CODE	NAME OF OWNER	STREET-ROUTE	TOWN	ADDRESS OF OWNER	ZIP-CODE	STATE
23-39-0107	KIDD BROS	R D 1	MACUNGIE		18062	PA
23-40-0012	HILLSIDE FARMS INC	R D 5	SHAVERTOWN		18708	PA
23-40-0041	WILLIAM YAPLE JR	R F D	STILLWATER		17878	PA
23-40-0045	MISTY VALLEY DA FARM	R D 2	SHICKSHINNY		18655	PA
23-40-0051	C R HACK & SONS	R D 2	BERWICK		18603	PA
23-40-0052	PECORA BROS DAIRY MF	R D 1	DRUMS		18222	PA
23-40-0064	FOSTER HILLIARD JR	R D 1	SUGARLOAF		18249	PA
23-40-0076	HAZ-WALD FARM	WM FREDERICK R D	SUGARLOAF		18249	PA
23-40-0100	EDWARD BUDA	R D 1	SWEET VALLEY		18656	PA
23-40-0103	E BEISHLINE & SON	R D 1	BENTON		17814	PA
23-40-0111	DAGOSTIN BROS	R D 1	SUGARLOAF		18249	PA
23-40-0113	S C PRICE FARMS INC	% JIM STRADNICK	SUGARLOAF		18249	PA
23-40-0120	A C MACRI JR	*R D 1 BOX 670	HUNLOCK CREEK		18621	PA
23-40-0131	W L & C L SEELY	R D 1	DRUMS		18222	PA
23-41-0008	MILTON J BODEN	R D 1	MONTGOMERY		17752	PA
23-41-0014	HAROLD R DRICK	R D 2	MUNCY		17756	PA
23-41-0021	CLIFTON J FRY	R D 2	MUNCY		17756	PA
23-41-0029	MRS VIC HENSLEY & SON	R D 1	LINDEN		17744	PA
23-41-0046	HARRIS METZGER	R D 2	COGAN STATION		17728	PA
23-41-0047	EUGENE MUTCHLER	R D 2	COGAN STATION		17728	PA
23-41-0065	RICHARD D SHAFFER	R D 1	JERSEY SHORE		17740	PA
23-41-0073	DON L & DUN R SNYDER	LOYALMEADE FARMS	MONTOURSVILLE		17754	PA
23-41-0111	CLIFFORD S FOX	R D 2	JERSEY SHORE		17740	PA
23-41-0120	LESTER M POUST	R D 4	MUNCY		17756	PA
23-41-0144	R SAMUEL PAULING	R D 2	MUNCY		17756	PA
23-41-0156	HEISEY BROTHERS		JERSEY SHORE		17740	PA
23-41-0178	RICHARD BARTO	R D 1	MONTGOMERY		17752	PA
23-41-0182	STANLEY WARM	R D 4	MUNCY		17756	PA
23-41-0191	DAVE HALLOW	R D 2	JERSEY SHORE		17740	PA
23-42-0010	JOE ISADORE		SMETHPORT		16749	PA
23-42-0014	COMES DAIRY		SMETHPORT		16749	PA
23-42-0020	PAUL & J KLEISATH		SMETHPORT		16749	PA
23-42-0021	WALSTROM FARM	R D 3	SMETHPORT		16749	PA
23-42-0026	CHARLES IRONS		SMETHPORT		16749	PA
23-42-0051	DONALD MICHELITSCH	R D	PORT ALLEGANY		16743	PA
23-42-0113	G L CARLSON INC NO 1	R F D 1	TURTLEPOINT		16750	PA
23-42-0114	G L CARLSON INC NO 2	R F D 1	TURTLEPOINT		16750	PA
23-42-0116	G L CARLSON INC NO 4	R D 1	TURTLEPOINT		16750	PA
23-42-0119	JOHN H LAPP	R D 2	PORT ALLEGANY		16743	PA
23-43-0008	G RICHARD MOOSE	R F D 2	NEW WILMINGTON		16142	PA
23-43-0025	LEROY CAMPBELL	R D 4	GROVE CITY		16127	PA
23-43-0032	OAKES BROS	R D 2	JACKSON CENTER		16133	PA
23-43-0158	D E VOGAN		MERCER		16137	PA
23-43-0159	W F WHITE	R D 1 BOX 135	GROVE CITY		16127	PA
23-43-0179	B F AND A W MOORE	R D 6	MERCER		16137	PA

TABLE 9.--LIST OF HERD OWNERS (CONTINUED)

HERD CODE	NAME OF OWNER	STREET-ROUTE	TOWN	ZIP-CODE	STATE
23-44-0003	AARON B PEACHEY	R D	BELLEVILLE	17004	PA
23-44-0004	IRVIN H FLEMING	R D	BELLEVILLE	17004	PA
23-44-0005	DAIRYLAND	% A REED HAYES JR	REEDSVILLE	17084	PA
23-44-0014	DAVID R YODER	STAR ROUTE	BELLEVILLE	17004	PA
23-44-0020	MOSES J ZOOK	R D 1	BELLEVILLE	17004	PA
23-44-0024	JOHN S ZOOK	R D	BELLEVILLE	17004	PA
23-44-0025	MARK R YODER	R D	BELLEVILLE	17004	PA
23-44-0026	PERCY S YODER	R D	BELLEVILLE	17004	PA
23-44-0030	G C RICE	R F D 1	REEDSVILLE	17084	PA
23-44-0034	MRS JEANNE KAUFFMAN	% O SUNDERLAND	R D 3 LEWISTOWN	17044	PA
23-44-0037	E CLAIR FISHER	R F D 1	LEWISTOWN	17044	PA
23-44-0061	JAMES H ALLISON	R D	BELLEVILLE	17004	PA
23-44-0064	JESSE W BYLER	R D	BELLEVILLE	17004	PA
23-44-0068	A HERBERT KING	STAR ROUTE	MILL CREEK	17060	PA
23-44-0073	JAMES O REED	R F D 1	REEDSVILLE	17084	PA
23-44-0086	JOHN R RODGERS	R D 1	BELLEVILLE	17004	PA
23-44-0088	JESSE S YODER	R D	BELLEVILLE	17004	PA
23-44-0089	ARTHUR L YODER	R D 1	REEDSVILLE	17084	PA
23-44-0099	STEPHAN KAUFFMAN SON	R D 1	REEDSVILLE	17084	PA
23-44-0103	R S & W H BRADFORD	R F D 1 BOX 224	LEWISTOWN	17044	PA
23-44-0104	JOHN P BRADFORD	R D 1 BOX 205	LEWISTOWN	17044	PA
23-44-0111	DAVID R SPICHER	R D	BELLEVILLE	17004	PA
23-44-0112	MITCHELL BROS	R F D 1 BOX 149	LEWISTOWN	17044	PA
23-44-0122	FRED C MYERS	R F D 1	LEWISTOWN	17044	PA
23-44-0129	HUGH B KEARNS & SON	R D 1	LEWISTOWN	17044	PA
23-44-0132	MAXWELL HOOK	2100 RT 522 NORTH	LEWISTOWN	17044	PA
23-44-0138	GLEN E KING	R F D 1	BELLEVILLE	17004	PA
23-44-0161	JOHN A PEACHEY	STAR ROUTE	MILLCREEK	17060	PA
23-44-0162	JOSHUA D YODER	R D 1 BOX 396	BELLEVILLE	17004	PA
23-44-0165	L J DUNMIRE & SONS		MC VEY TOWN	17051	PA
23-44-0170	JOHN K KAUFFMAN	R D 1	REEDSVILLE	17084	PA
23-44-0173	SHERMAN L GLICK	R D 3 BOX 75	LEWISTOWN	17044	PA
23-44-0174	DONALD A FRENCH	R D 1	MC VEY TOWN	17051	PA
23-44-0176	ENOS J YODER	R D	BELLEVILLE	17004	PA
23-44-0177	JAMES L HOSTETTER	R D 2	MC VEY TOWN	17051	PA
23-45-0012	DONALD MEITZLER		KRESGEVILLE	18333	PA
23-46-0102	MAYNARD RUTHENBERGER	R D 2 MERRYNEAD FA	LANSDALE	19446	PA
23-46-0113	ABRAM Z RITTENHOUSE	R D 1	LANSDALE	19446	PA
23-46-0115	WILLOW RIDGE FARM		WILLOW GROVE	19090	PA
23-46-0117	CHESTER M MYERS	R D 1	SOUDERTON	18964	PA
23-46-0119	J ARTHUR MUYER	13 ALLENTOWN RD	SOUDERTON	18964	PA
23-46-0124	DURRELL G ALDERFER	UP MAIN RD 273	R 1 HARLEYSVILLE	19438	PA
23-46-0129	WARREN H ALDERFER	RD 1 ORVILLA RD	LANSDALE	19446	PA
23-46-0207	A K KRIEBEL	R D 2	LANSDALE	19446	PA
23-46-0216	HIGHVIEW FARM	79 REED ROAD	ROYERSFORD	19468	PA

TABLE 9.--LIST OF HERD OWNERS (CONTINUED)

HERD CODE	NAME OF OWNER	STREET-ROUTE	TOWN	ZIP-CODE	STATE
23-46-0220	GEORGE STERNER	R D 1	BECHTELSTVILLE	19505	PA
23-46-0222	C I ST PENITIARY	BOX 244	GRATERFORD	19426	PA
23-46-0228	WALEBE FARMS	R D 2	COLLEGEVILLE	19426	PA
23-46-0232	MERRILL MEST		OBELISK	19492	PA
23-46-0233	ELMER RENNINGER	2ND AVE BOX 882	ROVERS FORD	19468	PA
23-46-0238	CHARLES RHODES		OBELISK	19492	PA
23-46-0303	NORRISTOWN STATE HOS	% DAIRY FARM	NORRISTOWN	19401	PA
23-46-0321	GEORGE SENEKO JR	R D 1 BOX 258	HARLEYSVILLE	19438	PA
23-46-0322	RAYMOND W BRINCKMAN	R D 1	PENNSBURG	18073	PA
23-46-0323	CURTIS N KRATZ	R D 1	SOUDERTON	18964	PA
23-46-0345	HAROLD K HALTEMAN	551 BERGEY RD R D	TELFORD	18969	PA
23-46-0346	LAR ANN FARM	269 HARLEYSVILLE PI	HARLEYSVILLE	19438	PA
23-46-0410	PHILIP SCHULTZ	R D 1	EAST GREENVILLE	18041	PA
23-46-0411	RICHARD GERHARD	R D	BALLY	19503	PA
23-46-0412	STANLEY FOX		PALM	18070	PA
23-46-0448	LEEMON E GAUGLER	R D 1	EAST GREENVILLE	18041	PA
23-46-0449	PAUL M LONGACRE SONS		HEREFORD	18056	PA
23-47-0025	CLARENCE MESSERSMITH	R D 1	DANVILLE	17821	PA
23-47-0052	PAUL LANDIS	R D 2	MILTON	17847	PA
23-47-0061	RALPH J COTNER	R D 4	DANVILLE	17821	PA
23-47-0068	NELSON COTNER	R D 1	TURBOTVILLE	17772	PA
23-47-0073	EDWARD & SHIRLEY KER	R D 5	DANVILLE	17821	PA
23-47-0081	MAR-JA FARM	R D 2	DANVILLE	17821	PA
23-48-0001	F D ACHENBACH & SONS	R D 1	PEN ARGYL	18072	PA
23-48-0027	WILSON F GUM SR	R D 1	PEN ARGYL	18072	PA
23-48-0032	KOCH & FLUCK	R D 4	EASTON	18042	PA
23-48-0036	W HOMER MCEWEN & SON	R D 2	BANGOR	18013	PA
23-48-0037	RACH ECHO FARM	R 4	EASTON	18042	PA
23-48-0038	R BERNARD MERWARTH	R D 2	EASTON	18042	PA
23-48-0048	LOUIS PEKTOR JR	R 1	HELLERTOWN	18055	PA
23-48-0051	PAUL RICHARDS	R D 2	BANGOR	18013	PA
23-48-0074	JOHN VALKOVEC & SON	R D 1 BOX 256	BATH	18014	PA
23-48-0079	YOUNG BROS	R 4	EASTON	18042	PA
23-48-0103	ADAM & ROBERT DURAN	R D 1	PEN ARGYL	18072	PA
23-48-0107	ERNEST M BACHMAN	R D 4	EASTON	18042	PA
23-48-0120	RICHARD W SMITH	R D 2 BOX 212	NORTHAMPTON	18067	PA
23-48-0124	E M FOX & SON	R D 2	BANGOR	18013	PA
23-48-0130	SPENCER WISNER	R D 1 BOX 212C	BATH	18014	PA
23-48-0131	HAROLD FABIAN	3740 TWP LINE ROAD	BETHLEHEM	18017	PA
23-49-0004	GEORGE S WESNER	R D 2	WATSON TOWN	17777	PA
23-49-0011	ALVIN G SMITH	R D 2	MILTON	17847	PA
23-49-0020	CHESTER GREINER	R D 1	WATSON TOWN	17777	PA
23-49-0026	PAUL WOLFE	R D 2	SUNBURY	17801	PA
23-49-0029	LEON EPLER FARMS INC	R D 1	NORTHUMBERLAND	17857	PA
23-49-0045	MUNROE & BYRON MARTZ	R D 1	DALMATIA	17017	PA

TABLE 9.--LIST OF HERD OWNERS (CONTINUED)

HERD CODE	NAME OF OWNER	STREET-ROUTE	ADDRESS OF OWNER	TOWN	ZIP-CODE	STATE
23-49-0065	HOMER CAMPBELL			HERNDON	17830	PA
23-49-0070	CARL W SWARTZ	R D 2		MILTON	17847	PA
23-49-0071	LUKE REBUCK	R D 1 BOX 108		DORNSIFE	17823	PA
23-49-0074	EDWIN R KREMER	R D 1		MILTON	17847	PA
23-49-0082	NORMAN O BROUSE SR	R D 1		MILTON	17847	PA
23-50-0002	ALFRED ALBRIGHT	R D 1		LANDISBURG	17024	PA
23-50-0004	MILMAY FARM	R D 1		LOYSVILLE	17047	PA
23-50-0005	CARL E MC MILLEN	R D 1		LOYSVILLE	17047	PA
23-50-0006	RAY E MC MILLEN	R D		LOYSVILLE	17047	PA
23-50-0008	MARY E RICE			BLAIN	17006	PA
23-50-0010	LYONS BROTHERS			LOYSVILLE	17047	PA
23-50-0011	JOHN REAPSOME			LOYSVILLE	17047	PA
23-50-0012	CHARLES D SMITH	R D		LOYSVILLE	17047	PA
23-50-0014	WILLIAM E MARTIN			LOYSVILLE	17047	PA
23-50-0015	STAHL BROTHERS	R D		LOYSVILLE	17047	PA
23-50-0022	KARL E KENNEDY			ELLIOTSBURG	17024	PA
23-50-0027	HOWARD D BARKLEY	R D 1 BOX 234		NEWPORT	17074	PA
23-50-0032	DONALD DUM	R D 1		ELLIOTSBURG	17024	PA
23-50-0033	THOMAS DUM SR	R D 1		ELLIOTSBURG	17024	PA
23-50-0042	DAVID TROUT	R D 1		BLAIN	17006	PA
23-50-0043	FRANK RICE	R D 1		BLAIN	17006	PA
23-50-0044	MILLIGAN BROS			LOYSVILLE	17047	PA
23-50-0050	J TED TROUTMAN	R D		MILLERSTOWN	17062	PA
23-50-0053	RAY L KLING	R F D 1		LOYSVILLE	17047	PA
23-50-0056	GABEL BROS	R D 1		NEWPORT	17074	PA
23-50-0062	JOHN E BOOK			BLAIN	17006	PA
23-50-0070	ELLSWORTH C MAXTON			ICKESBURG	17037	PA
23-50-0072	BRATTON VIEW FARM	R D 1		MILLERSTOWN	17062	PA
23-50-0074	PORTER D HOSTETTER	R D 1		DUNCANNON	17020	PA
23-50-0078	L H CARNES	R D 1		DUNCANNON	17020	PA
23-50-0079	H BLAIR CLARK	R D 1		LOYSVILLE	17047	PA
23-50-0081	DELMAR BRUFEE	R D 2		MILLERSTOWN	17062	PA
23-50-0082	CLAIR BENNER	R F D 2		MILLERSTOWN	17062	PA
23-50-0086	MRS ROY CAMPBELL SON	R D 3 BOX 25		NEWPORT	17074	PA
23-50-0089	HAROLD E NIPPLE	R D 1		MILLERSTOWN	17062	PA
23-50-0093	CHARLES C BYERS	R D 1		MILLERSTOWN	17062	PA
23-50-0311	J W & C L ACHENBACH	R D		MILLERSTOWN	17062	PA
23-50-0315	RALPH L SMITH	R D		MILLERSTOWN	17062	PA
23-50-0318	STANLEY T GABEL	R D		NEWPORT	17074	PA
23-50-0322	WAYNE L STEPHENS			NEWPORT	17074	PA
23-50-0324	CLYDE S GAULT	R D 1		DUNCANNON	17020	PA
23-50-0327	DAVID Z KENNEDY			NEWPORT	17074	PA
23-53-0002	NORMAN K LEETE	R 4		COUDERSPORT	16915	PA
23-53-0004	FRANK N LENT	R F D 1		COUDERSPORT	16915	PA
23-53-0006	PAUL BUCK	R D 1		ULYSSIS	16948	PA

TABLE 9.--LIST OF HERD OWNERS(CONTINUED)

HERD CODE	NAME OF OWNER	STREET--ROUTE	TOWN	ZIP--CODE	STATE
23-53-0013	EUGENE ERWAY	R F D 1	COUDERSPORT	16915	PA
23-53-0014	FLOYD LONG	R F D 1	COUDERSPORT	16915	PA
23-53-0015	GUY DUNN	R F D 1	COUDERSPORT	16915	PA
23-53-0019	STANLEY SALLADE	R F D 4	COUDERSPORT	16915	PA
23-53-0024	JACK KNOWLTON	R 4	COUDERSPORT	16915	PA
23-53-0029	KENNETH L LAMBERT	R F D 1	ULYSSES	16948	PA
23-53-0050	EVERETT GOOCH	R D 1	COUDERSPORT	16915	PA
23-53-0057	ALVIN B MILLER	R D	ULYSSES	16948	PA
23-53-0065	BARKER BROS		ULYSSES	16948	PA
23-53-0078	J IVAN SMOKER		GENESEE	16923	PA
23-53-0082	ROBERT F GREENE JR	R D 1	ROULETTE	16746	PA
23-53-0084	LEONARD KENYON	R D 2	COUDERSPORT	16915	PA
23-53-0104	MILFORD HOLBERT	R D 1	GENESEE	16923	PA
23-53-0110	JOHN SEYMOUR	R D 1	ROULETT	16746	PA
23-53-0113	HAROLD WRIGHT & SON	R D 4	COUDERSPORT	16915	PA
23-54-0005	EMMETT W RHEIN	R F D 2	PINE GROVE	17963	PA
23-54-0016	JAMES GUERS	R D 1	TAMAQUA	18252	PA
23-54-0017	PIERCE LEIBY	R F D 1	TAMAQUA	18252	PA
23-54-0018	ALLEN LEIBY	R F D 1	TAMAQUA	18252	PA
23-54-0019	WEBSTER WAGNER	R D 1	TAMAQUA	18252	PA
23-54-0021	HEISLER BROS	R F D 1	TAMAQUA	18252	PA
23-54-0029	CARL HEISLER	R D 1	TAMAQUA	18252	PA
23-54-0038	JERSEY ACRES FMS INC	R D 2	PINE GROVE	17963	PA
23-54-0039	MILLER & REX	R D 1	ANDREAS	18211	PA
23-54-0046	NORMAN ROTHERMEL	R D 1	PITMAN	17964	PA
23-54-0065	ELWOOD L ROTHERMEL	R D 1	KLINGERSTOWN	17941	PA
23-54-0067	SNYDER BROTHERS	R D 1	PITMAN	17964	PA
23-54-0077	FRANKLIN TROXELL	R F D 1	ANDREAS	18211	PA
23-54-0081	PAUL HEISLER	R D 1	TAMAQUA	18252	PA
23-54-0087	RICHARD KREAGER	R D 2 BOX 253	SCHUYLKILL HAVEN	17972	PA
23-54-0096	CARL J SNYDER	R D 1	PITMAN	17964	PA
23-54-0098	WILBERT MOYER	R D 1	SCHUYLKILL HAVEN	17972	PA
23-55-0001	C C FISHER	R D 1	SELINGSGROVE	17870	PA
23-55-0003	SELINGSGROVE ST SCH	BOX 500	SELINGSGROVE	17870	PA
23-55-0004	MABARBIL FARMS	R D 3	MIDDLEBURG	17842	PA
23-55-0032	WILBERT L FRY	R F D 1	WINFIELD	17899	PA
23-55-0035	HARRY F HASSINGER	R D 1	MIDDLEBURG	17842	PA
23-55-0044	RANDALL C REARICK	R F D 1	BEAVERTOWN	17813	PA
23-55-0047	LEIRE FRY & SONS	R D 2	MIDDLEBURG	17842	PA
23-55-0055	MRS RUTH HEIMBACH	ISLE OF QUE	SELINGSGROVE	17870	PA
23-55-0056	ALBERT W HEIMBACH	R D 2	SELINGSGROVE	17870	PA
23-55-0063	PAUL W WOODLING		BEAVER SPRINGS	17812	PA
23-55-0065	NORMAN W MOYER	R D 1	SELINGSGROVE	17870	PA
23-55-0067	GEORGE M SWIGART	R D 2	MC CLURE	17841	PA
23-55-0074	RICHARD E MUVER	R F D 1	MIDDLEBURG	17842	PA

TABLE 9.--LIST OF HERD OWNERS (CONTINUED)

HERD CODE	NAME OF OWNER	STREET-ROUTE	TOWN	ZIP-CODE	STATE
23-55-0076	RICHARD G NERHOOD	R F D 1	BEAVERTOWN	17813	PA
23-55-0085	COLD SPRING FARMS	R F D 1	BEAVER SPRINGS	17812	PA
23-55-0091	GLENN & ETHEL STUCK	R D 1	SELINGSGROVE	17870	PA
23-55-0094	HAROLD E SHAMBACH	ROUTE 1 BOX 162	MIDDLEBURG	17842	PA
23-55-0095	RONALD B REICH	ROUTE 1	WINFIELD	17889	PA
23-55-0101	CHARLES H KANTZ	R D 1	MT PLEASANT MILLS	17853	PA
23-55-0104	EARL E WALTER & SON	STAR ROUTE	BEAVER SPRINGS	17812	PA
23-55-0105	LEE & SANDRA SHAFFER	R D 2	SELINGSGROVE	17870	PA
23-56-0012	EMERSON L KNEPPER	R D 1	BERLIN	15530	PA
23-56-0036	JOSEPH JOHNS JR		DAVIDSVILLE	15928	PA
23-56-0037	JOSEPH WITEOF JR	R D 4	JOHNSTOWN	15901	PA
23-56-0043	DAYTON J LOHR	R D 1	HOOVERSVILLE	15936	PA
23-56-0050	GLENN E JOHNSON	R D 2	ROCKWOOD	15557	PA
23-56-0056	SOMERSET STATE HOSP	P O 631	SOMERSET	15501	PA
23-56-0059	P B LATUCH	R D 1	ROCKWOOD	15557	PA
23-56-0081	ROBERT M BAUERMASER	R D 1	BERLIN	15530	PA
23-56-0107	LLOYD LOHR	R D 1	STOYSTOWN	15563	PA
23-56-0134	CLARK A YODER	R D 1	SALISBURY	15558	PA
23-56-0136	WILLARD MAUST	R D 1	MEYERSDALE	15552	PA
23-56-0142	EVAN L MAUST	R D 1	MEYERSDALE	15552	PA
23-56-0147	PAUL E YODER	R D 1	MEYERSDALE	15552	PA
23-56-0161	J WILLIAM SHULTZ	R D 4	BERLIN	15530	PA
23-56-0175	PAUL D COUNTRYMAN	R D 4	BERLIN	15530	PA
23-56-0180	JAY L HILLEGASS	R F D 1	BERLIN	15530	PA
23-56-0183	DONALD GLESSNER	R D 4	BERLIN	15530	PA
23-56-0186	MERLE COUGHENOUR	R D 1 BOX 67	SALISBURY	15558	PA
23-56-0192	LLOYD SHAFFER	R D 5	SOMERSET	15501	PA
23-57-0005	IVAN E WALTMAN	R D 1	NEW ALBANY	18833	PA
23-57-0008	RICHARD D MC CARTY	R D 1	FORKSVILLE	18616	PA
23-57-0020	RONALD HEMBURY	R D	DUSHORE	18614	PA
23-57-0042	R LAVERNE MC CARTY	R D 1	FORKSVILLE	18616	PA
23-57-0062	WILLIAM B HART	R D 1	FORKSVILLE	18616	PA
23-57-0066	DAVID W WHITELEY	R D 1	FORKSVILLE	18616	PA
23-58-0006	ELMER HOOVER	R D 1	SPRINGVILLE	18844	PA
23-58-0008	SMITH BROTHERS		SPRINGVILLE	18844	PA
23-58-0009	RAYMOND B STRICKLAND		NICHOLSON	18446	PA
23-58-6011	MEAD VALLEY FARM 2	EDWIN O MEAD R D 1	MONROSE	18801	PA
23-58-6012	R & ELLEN HUNSINGER	R D 2 FARM 1	SPRINGVILLE	18844	PA
23-58-6013	R & ELLEN HUNSINGER	R D 2 FARM 2	SPRINGVILLE	18844	PA
23-58-0032	ELMER SMALES	R D 1	MESHOPEEN	18630	PA
23-58-0040	WILLIAM BROOKS	R D 1	HOP BOTTOM	18824	PA
23-58-0046	CLARK B FULLER		DIMOCK	18816	PA
23-58-0053	C LEROY COLEMAN JR	R D 2	MONROSE	18801	PA
23-58-0055	J W & W J GOFF	R D 3	MONROSE	18801	PA
23-58-0064	ARCHIE BUSH	R D 1	MONROSE	18801	PA

TABLE 9.--LIST OF HERD OWNERS (CONTINUED)

HERD CODE	NAME OF OWNER	ADDRESS OF OWNER			ZIP-CODE	STATE
		STREET-ROUTE	TOWN			
23-58-0082	FRED MAJOR	R D 1	SUSQUEHANNA	18847	PA	
23-58-0101	HAROLD ELY	R D 1	MONROSE	18801	PA	
23-58-0132	PAUL W WALWORTH	R D 1	NEW MILFORD	18834	PA	
23-58-0155	DONALD NAYLOR		MESHOPPEN	18630	PA	
23-58-0179	HALFORD K CRISMAN	BOX 147	SOUTH MONROSE	18843	PA	
23-58-0186	WALTER E BROOKS	R D 1	SPRINGVILLE	18844	PA	
23-58-0201	WILLIAM ZICK	R D 1	KINGSLEY	18826	PA	
23-58-0208	JOSEPH KRALL	R D 3	SUSQUEHANNA	18847	PA	
23-58-0218	CLIFFORD TINKLEPAUGH	R D 1	THOMPSON	18465	PA	
23-58-0230	DOUGLAS HALL	STAR ROUTE	SUSQUEHANNA	18847	PA	
23-58-0258	RICHARD LAMBERTSON	R D 2	THOMPSON	18465	PA	
23-58-0287	LANUON LAWRENCE		HALLSTEAD	18822	PA	
23-58-0300	EUGENE SPADINE	R F D 2	NICHOLSON	18446	PA	
23-58-0318	CURLYDELL FARMS	R D 5	MONROSE	18801	PA	
23-58-0325	FRANZ FEARNLEY	R D 2	MONROSE	18801	PA	
23-58-0354	SAXON WILSON	R D	MESHOPPEN	18630	PA	
23-58-0357	HOWARD TRAVER	R D 2	SPRINGVILLE	18844	PA	
23-58-0359	BUYD STRICKLAND	R D 2	NICHOLSON	18446	PA	
23-58-0383	FRANKS BROS	R D 1	SPRINGVILLE	18844	PA	
23-58-0384	WOODBOURNE FARM		DIMOCK	18816	PA	
23-58-0385	ROBERT LEWIS	R D 2	NEW MILFORD	18834	PA	
23-58-0392	ERNEST W BURKE	R D 4	MONROSE	18801	PA	
23-58-0407	THOMAS TRAVER	R D 3	MESHOPPEN	18630	PA	
23-58-0451	CHESTER L CARPENTER	R D 1	THOMPSON	18465	PA	
23-58-0452	BROOKWOOD FARMS		GELATT	18819	PA	
23-58-0456	ROLLAND CLINK	R D 1	SPRINGVILLE	18844	PA	
23-58-0460	THOMAS R WILLIAMS	STAR ROUTE	UNIONDALE	18470	PA	
23-59-0016	GERALD PARKER	R F D 1	LIBERTY	16930	PA	
23-59-0032	GURDON BAITY	R F D 1	COVINGTON	16917	PA	
23-59-0038	DEAN BAITY	R F D 1	COVINGTON	16917	PA	
23-59-0051	WILLIAM INSCHO	R D 1	MANSFIELD	16933	PA	
23-59-0054	ROY S BOWEN & SON	R D 3	WELLSBORO	16901	PA	
23-59-0058	R W SAMPSON & SON	R D 1	CROOKED CREEK	16919	PA	
23-59-0062	GEO BUTLER FARM	R D 2	WELLSBORO	16901	PA	
23-59-0067	TIOGA COUNTY FARM	R D 3	WELLSBORO	16901	PA	
23-59-0069	LEON ERWAY	R D 1	WELLSBORO	16901	PA	
23-59-0070	BUANE WILCOX	R D 1	COVINGTON	16917	PA	
23-59-0146	C EDWARD WIAND	R D 2	MANSFIELD	16933	PA	
23-59-0159	CLARENCE & DANA BAKER	R D	MIDDLEBURY CTR	16935	PA	
23-59-0191	MILTON & KOETH BUTLER	R D 1	KNOXVILLE	16928	PA	
23-59-0208	JOSEPH R WEST	BOX 54	MIDDLEBURY CENTER	16935	PA	
23-59-0226	RICHARD CHAMBERLAIN	R F D 3	MANSFIELD	16933	PA	
23-59-0244	JOSEPH R SHERMAN	R D 3	MANSFIELD	16933	PA	
23-59-0265	CLINTON BAKER	R F D 4	WELLSBORO	16901	PA	
23-59-0267	ROBERT SHANLEY	R D 1	ROARING BRANCH	17765	PA	

TABLE 9.--LIST OF HERD OWNERS (CONTINUED)

HERD CODE	NAME OF OWNER	STREET-ROUTE	ADDRESS OF OWNER	TOWN	ZIP-CODE	STATE
23-59-0270	PAUL OWEN & SONS	R D 1	CANTON	KANTON	17724	PA
23-59-0277	RAYMOND GIGEE	R D 1	KNOXVILLE	CANTON	16928	PA
23-59-0282	EDWIN GROOVER	R D 2	KNOXVILLE	CANTON	17724	PA
23-59-0299	EMERSON TROMBRIDGE	R D 1	KNOXVILLE	KNOXVILLE	16928	PA
23-59-0301	HARRY D TROMBRIDGE	R D 3	WESTFIELD	WESTFIELD	16950	PA
23-59-0319	WAR-BERN FARM	R D 2	MANSFIELD	MANSFIELD	16933	PA
23-59-0377	JOSEPH A BOROUGH	R D 3	WELLSBORO	WELLSBORO	16901	PA
23-60-0003	LEON M MUSSER	R D 2	LEWISBURG	LEWISBURG	17837	PA
23-60-0008	CALVIN STAHL EST	R D 2	MIFFLINBURG	MIFFLINBURG	17844	PA
23-60-0010	LAURELTON SCH & HOSP	% DAVIS GEN DEL	LAURELTON	LAURELTON	17835	PA
23-60-0019	FRED & CHARLES DOCK	R D 2	LEWISBURG	LEWISBURG	17837	PA
23-60-0024	BUCKNELL UNIVERSITY	% P COOPER	R D 1 LEWISBURG	R D 1 LEWISBURG	17837	PA
23-60-0029	ELWOOD KEEFER	R D 2	LEWISBURG	LEWISBURG	17837	PA
23-60-0031	CRISSENS FARMS	R D 1	LEWISBURG	LEWISBURG	17837	PA
23-60-0036	EUGENE SPANGLER	R D 2	MIFFLINBURG	MIFFLINBURG	17844	PA
23-60-0045	DONALD B SPANGLER	STAR ROUTE	NEW BERLIN	NEW BERLIN	17855	PA
23-60-0047	J K & D A DIETRICH	R D 2	MIFFLINBURG	MIFFLINBURG	17844	PA
23-60-0050	PAUL H JARRETT	R D 2	LEWISBURG	LEWISBURG	17837	PA
23-60-0051	L L & R R KLINGLER	R F D 1	WINFIELD	WINFIELD	17889	PA
23-60-0062	ALBERT SLEAR	R F D 2	LEWISBURG	LEWISBURG	17837	PA
23-60-0069	GLEN ZIMMERMAN	R D 2	MIFFLINBURG	MIFFLINBURG	17844	PA
23-60-0073	OWEN FAIRCHILD	R D 3	LEWISBURG	LEWISBURG	17837	PA
23-60-0080	HENRY SANDERS	R D 1	MILLMONT	MILLMONT	17845	PA
23-60-0086	MILLER SHOEMAKER	R D 2	MIFFLINBURG	MIFFLINBURG	17844	PA
23-60-0101	HARRY & FRED MILLER	R D 1	MIFFLINBURG	MIFFLINBURG	17844	PA
23-60-0107	CLARENCE W BEILER	R D 1	MIFFLINBURG	MIFFLINBURG	17844	PA
23-60-0109	DAVID W FORESMAN	R D 2	MIFFLINBURG	MIFFLINBURG	17844	PA
23-60-0117	JOHN C SNYDER	R D 2	LEWISBURG	LEWISBURG	17837	PA
23-60-0127	CARL A LEITZEL	R D 1	WINFIELD	WINFIELD	17889	PA
23-60-0128	GEORGE SHOWERS & SON	R D 1	ALLENWOOD	ALLENWOOD	17810	PA
23-60-0134	C E & W N HAUCK	R D 3	LEWISBURG	LEWISBURG	17837	PA
23-60-0135	ELAM BEILER	R D 2	MIFFLINBURG	MIFFLINBURG	17844	PA
23-60-0138	PAUL LONGENECKER	R D 2	LEWISBURG	LEWISBURG	17837	PA
23-61-0002	POLK STATE SCHOOL	FARM MANAGER	POLK	POLK	16342	PA
23-61-0004	VIVIAN F RIDDLE	ROUTE 2	EMLENTON	EMLENTON	16373	PA
23-61-0017	BURNS BROS	ROUTE 1	VENUS	VENUS	16364	PA
23-61-0036	HAROLD F STRAMBRIDGE	ROUTE 5	TITUSVILLE	TITUSVILLE	16354	PA
23-61-0039	J A BEAN & SONS	R D 3	FRANKLIN	FRANKLIN	16323	PA
23-61-0040	WINDY HILL FARMS	R D 3	TITUSVILLE	TITUSVILLE	16354	PA
23-62-0005	LYNN W BEERS	R D 1	GRAND VALLEY	GRAND VALLEY	16420	PA
23-62-0010	LINDELL BROS	R D 2	RUSSELL	RUSSELL	16345	PA
23-62-0014	RONALD MESSENGER	R D 1	SPRING CREEK	SPRING CREEK	16436	PA
23-62-0017	WARREN STATE HUSP	BOX 240	NORTH WARREN	NORTH WARREN	16365	PA
23-62-0080	ARTHUR T MESSINGER	R D 1	BEAR LAKE	BEAR LAKE	16402	PA
23-62-0083	DONALD R JOHNSON	R D 1 FRANTZ RD	WARREN	WARREN	16365	PA

TABLE 9.--LIST OF HERD OWNERS (CONTINUED)

HERD CODE	NAME OF OWNER	STREET-ROUTE			ADDRESS OF OWNER		ZIP-CODE		STATE
					TOWN				
23-62-0092	ODDS FARMS	R D 2			CORRY		16407		PA
23-62-0094	RANSON RIEDEL SR	R D 2			CORRY		16407		PA
23-63-0002	FAVA BROS	R D 1			SCENERY HILL		15360		PA
23-63-0013	PEVARNIK BROS	R F D 1			CARMICHAELS		15320		PA
23-63-0014	ROY ROBISON & SON	R F D 1			COAL CENTER		15423		PA
23-63-0023	ALVIN CARTER & SONS	R D 4			MC DONALD		15057		PA
23-63-0031	MARK & ROBERT KELSO	R D 3			MC DONALD		15057		PA
23-63-0034	MORGAN GLO FARM	1158 MORGAN RD			BRIDGEVILLE		15017		PA
23-63-0057	J A FOSTER	R D 5 BOX 244			WASHINGTON		15301		PA
23-63-0075	LUKE J PASCO	R D 6			WASHINGTON		15301		PA
23-63-0081	A REARICK & MORRISON	R D 1			WEST ALEXANDER		15376		PA
23-63-0107	A J CELESTINE	R F D 1			SCENERY HILL		15360		PA
23-63-0121	SMITH BROS	R D 4			MC DONALD		15057		PA
23-63-0145	RATICA BROS	R F D 2 BOX 474			BROWNSVILLE		15417		PA
23-63-0152	RITCHIE D WEAVER	R D 1 BOX 220			CANONSBURG		15317		PA
23-63-0160	W EDWIN MILLER	R D 4 BOX 178			MC DONALD		15057		PA
23-63-0166	E RICHARD BEDNARSKI	R D 1			AVELLA		15312		PA
23-64-6001	WM J PERKINS	302 9TH ST			HONESDALE		18436		PA
23-64-0011	FOLLEY BROS	R D 1			WAYMART		18472		PA
23-64-0029	ELMER CONBEER & SON	R D 4			HONESDALE		18431		PA
23-64-0056	HOMER CURTIS	STAR ROUTE			PRESTON PARK		18455		PA
23-64-0058	PAUL D AGATI	STAR ROUTE			HANCOCK		13783		NY
23-64-0059	DIBSON FARMS				STARRUCCA		18462		PA
23-64-0083	BRUCE BANKS	R D 3			NEWFOUNDLAND		18445		PA
23-64-0085	BLASKO BROTHERS	R D 1			MOSCOM		18444		PA
23-64-0098	LOCKLIN BROS				LAKEVILLE		18438		PA
23-64-0109	ROBERT BAILEY	R D 1			WAYMART		18472		PA
23-64-0116	FARVIEW STATE HOSP	ARTHUR ROBINSON			WAYMART R D 2		18472		PA
23-64-0129	RIVERDALE FARMS	R D 1			WAYMART		18472		PA
23-64-0174	CHARLES FREDERICK JR	R D 1			LAKEWOOD		18439		PA
23-64-0200	E W LEPRO	R D 2			THOMPSON		18465		PA
23-64-0202	STEPHENS BROS	WATTS HILL ROAD			HONESDALE		18431		PA
23-64-0205	ELMER THELMA BENDER	R D 1			WAYMART		18472		PA
23-64-0211	USCAR E ROPKE JR	BOX 174			CALLICOON		12723		NY
23-64-0222	ROBERT K HELLMERS	R D			EQUINUNK		18417		PA
23-64-0226	LARRY & BRUCE McLAIN	PA R D			GREENTOWN		18436		PA
23-64-0227	LLOYD F CANFIELD	PA R D			DAMASCUS		18415		PA
23-64-0247	ALTON HARVEY	R D 1			HONESDALE		18431		PA
23-64-0255	ROBERT OLVER	R D 1			HONESDALE		18431		PA
23-64-0278	GERALD SLATER	R D 1			NARROWSBURG		18439		NY
23-64-0293	JOHN WROBEY	R D 3			THOMPSON		18465		PA
23-65-0040	ROY B SMITH	R F D 1			MT PLEASANT		15666		PA
23-65-0045	JOSEPH ZUMBRO	STAR ROUTE			WEST NEWTON		15089		PA
23-65-0053	D N CAIRNS & SON	R D 2			LIGONIER		15658		PA
23-65-0063	F E LYONS & SUN				SALTSBURG		15681		PA

TABLE 9.--LIST OF HERD OWNERS(CONTINUED)

HERD CODE	NAME OF OWNER	STREET-ROUTE	TOWN	ADDRESS OF OWNER	ZIP-CODE	STATE
23-65-0069	BOYD E WOLFF	R D 2		NEW ALEXANDRIA	15670	PA
23-65-0073	HOMER BUTTERMORE	R D 3		MT PLEASANT	15666	PA
23-65-0079	ST VINCENT ARCHABBEY	DAIRY DEPT		LATROBE	15650	PA
23-65-0088	DONALD EVERETT STAHL	R D 1		SMITHTON	15479	PA
23-65-0150	BERNARD MC QUAIDE	R D 2		SALTSBURG	15681	PA
23-65-0159	KENNETH H SNYDER	R D 1 BOX 136		CHAMPTON	15622	PA
23-65-0182	KING G KNUPP	R D 1		LIGONIER	15658	PA
23-66-0004	DONALD L WILLIAMS	R D 5		TUNKHANNOCK	18657	PA
23-66-0046	WYDA BROS	R D 1		HARVEYS LAKE	18618	PA
23-66-0064	RALPH MILLIRON	R F D 2		LACEYVILLE	18623	PA
23-66-0065	PHILIP JAYNE	R D 2		MESHOPPEN	18630	PA
23-66-0080	CHARLES KALINOWSKI	R D 4		TUNKHANNOCK	18657	PA
23-66-0100	DALE TEMKESBURY	R D 2		MESHOPPEN	18657	PA
23-67-0004	SAM & DAVID STEWART	R D 1		DELTA	17314	PA
23-67-0014	S WISE & S KILGORE	R D 1		BROGUEVILLE	17369	PA
23-67-0067	SINKING SPRING FM INC	% H STEBBINS		R D 5 YORK	17402	PA
23-67-0075	RUTIER BROS	N GEORGE ST EXT D		YORK	17404	PA
23-67-0084	DAVID S MILLER	555 HANOVER ROAD		YORK	17404	PA
23-67-0111	WALTER J MILLER	R D 2		DELTA	17314	PA
23-67-0112	HAROLD BROWN	R D 2		DELTA	17314	PA
23-67-0118	HAROLD GOOD	R D 1		AIRVILLE	17302	PA
23-67-0127	ALBERT DEHOFF	R D 1		DALLASTOWN	17313	PA
23-67-0160	IRA L BOYER	110 BRESICKER RD		YORK	17404	PA
23-67-0182	ROY M FEESER	R D 2		HANOVER	17331	PA
23-67-0186	H E FETROW & SONS	R D 4		YORK	17404	PA
23-67-0200	ROMEDA FARMS	R D 4		YORK	17404	PA
23-67-0203	WILSON W GLADFELTER	R D 4		YORK	17404	PA
23-67-0207	STUMP ACRES	R D 6		YORK	17404	PA
23-67-0220	LESTER LUCKENBAUGH	R D 1		SPRING GROVE	17362	PA
23-67-0226	ADRIAN RINEHART	R D 1		EAST BERLIN	17316	PA
23-67-0243	FRED KIMMEL	R D 1		DILLSBURG	17019	PA
23-67-0245	VALLEY ACRES INC	R D 2		HELLAM	17336	PA
23-67-0252	HONEYCREST FARMS	R D 1 % E E LEHMAN		HELLAM	17336	PA
23-67-0260	LEROY BUPP	R D 2		SEVEN VALLEYS	17360	PA
23-67-0288	LAUXMONT FARM JERSEY	R D 1		WRIGHTSVILLE	17368	PA
23-67-0289	LAUXMONT GUERNSEYS	R D 1		WRIGHTSVILLE	17368	PA
23-67-0290	LAUXMONT HOLSTEINS	R D 1		WRIGHTSVILLE	17368	PA
23-67-0292	PHILLIP D LAUGHMAN	R D 1		THOMASVILLE	17364	PA
23-67-0293	AVALLONG FARMS INC	ATTN C F WEST R D		YORK	17402	PA
31-01-0360	TOM FENTON	ROUTE 1		WINCHESTER	45697	OH
31-02-0001	BEGG BROTHERS	ROUTE 2		COLUMBUS GRV	45830	OH
31-02-0380	M. G. CRIBLEZ	ROUTE 2		BLUFFTON	45817	OH
31-02-9960	W. D. VANDEMARK	ROUTE 2		ELIDA	45807	OH
31-03-0019	TED BECK	ROUTE 1		LOUDONVILLE	44842	OH
31-03-0028	SPRENG BROTHERS	ROUTE 1, BOX 136		PERRYSVILLE	44864	OH

TABLE 9.--LIST OF HERD OWNERS (CONTINUED)

HERD CODE	NAME OF OWNER	STREET-ROUTE	TOWN	ZIP-CODE	STATE
31-03-0036	R. PITTINGER & MARTIN	ROUTE 3	ASHLAND	44805	OH
31-03-9040	EUGENE AND DEAN WELCH	ROUTE 1	POLK	44866	OH
31-03-9045	JAMES T. BARTLEY	ROUTE 1	LOUDONVILLE	44842	OH
31-03-9050	LYLE R. CROW	ROUTE 1	NOVA	44859	OH
31-03-9070	GARY L. BADGER	ROUTE 1	HOMERVILLE	44235	OH
31-03-0083	C. & G. MUTCHLER	%G. MUTCHLER RT. 3	LOUDONVILLE	44842	OH
31-03-9084	CHESTER A. JAMES	ROUTE 1	LOUDONVILLE	44842	OH
31-03-0086	O.S.U. & D.O. DILGARD	ROUTE 2	JEROMESVILLE	44840	OH
31-03-9093	BEN DUTROW	ROUTE 1	HOMERVILLE	44235	OH
31-03-0095	CARLTON J. HARPSTER	ROUTE 1	JEROMESVILLE	44840	OH
31-03-0096	HAROLD G. BOYD	ROUTE 3	ASHLAND	44805	OH
31-03-0100	GEORGE SLABIE AND SON	ROUTE 1	WEST SALEM	44287	OH
31-03-0112	HAROLD J. CROSS & SON	ROUTE 5	ASHLAND	44805	OH
31-03-9120	FRED L. DENNY	ROUTE 1	LAKEVILLE	44638	OH
31-03-0285	JAMES HANNA	ROUTE 4 BOX 168	ASHLAND	44805	OH
31-03-0300	GERALD HARPSTER	ROUTE 1	JEROMESVILLE	44840	OH
31-03-9315	H. HASTINGS & SONS	ROUTE 1	WEST SALEM	44287	OH
31-03-0330	HARLEY HEFFELFINGER	ROUTE 3	LOUDONVILLE	44842	OH
31-03-0495	PHILLIP A. KERR	R. D. 1	POLK	44866	OH
31-03-0707	R. PITTINGER & FREER	ROUTE 2	ASHLAND	44805	OH
31-04-0024	GEORGE ARMINGTON JR.	BOX 165	AUSTINBURG	44010	OH
31-04-0051	H.D. STOFFEL	ROUTE 2	DORSET	44032	OH
31-04-0450	DAVID KELLOGG		ROME	44085	OH
31-04-0825	OREN SANGER		ORWELL	44076	OH
31-05-9020	ATHENS STATE HOSPITAL		ATHENS	45701	OH
31-06-0013	LESTER DICKE & SON	COUNTY LINE ROAD	ST. MARYS	45885	OH
31-06-0016	ROBERT BALLWEG	ROUTE 1	BOTKINS	45306	OH
31-06-0024	ROGER ELSASS	ROUTE 5	WAPAKONETA	45895	OH
31-06-0049	DANA RICHARDSON	ROUTE 4	WAPAKONETA	45895	OH
31-06-0050	WILBERT BECKMAN	RURAL ROUTE	MINSTER	45865	OH
31-06-0094	MARVIN TOPP	RURAL ROUTE	NEW BREMEN	45869	OH
31-06-0275	VERNON FLEDDERJOHANN	ROUTE 2	ST. MARYS	45885	OH
31-06-9800	JOHN SCHLENKER	ROUTE 3	WAPAKONETA	45895	OH
31-06-9920	ROGER TAYLOR	ROUTE 1	WAPAKONETA	45895	OH
31-07-0011	FRIENDS BOARDING SCH	%C. GUINDON RT. 1	BARNESVILLE	43713	OH
31-07-9012	AUSTIN L. GREEN	ROUTE 2	BELMONT	43718	OH
31-07-9390	PAUL K. GREENLEE	ROUTE 1, BOX 312	BRIDGEPORT	43912	OH
31-07-0560	EARL MAYBERRY	ROUTE 1 BOX 1438	BELMONT	43718	OH
31-07-0760	C. FRANKLIN ROCKWELL	WARREN AVE EXT	BARNESVILLE	43713	OH
31-08-9006	RALPH HUCK	ROUTE 2	WINCHESTER	45697	OH
31-09-9005	WAYNE SPRING FARM	3370 HAMLTN EATON	HAMILTON	45011	OH
31-09-0034	RAYMOND MURPHY	ROUTE 1	MIDDLETOWN	45042	OH
31-09-0038	GEORGE LAKE	4851 G. ELLIOT	OXFORD	45056	OH
31-09-9042	MRS. T.H. CARRUTHERS 3	190 CORAL AVENUE	GLENDALE	45246	OH
31-09-9051	R. BROWN & C. BARKER	5815 BROWN ROAD	OXFORD	45056	OH

TABLE 9.--LIST OF HERD OWNERS(CONTINUED)

HERD CODE	NAME OF OWNER	STREET--ROUTE	TOWN	ZIP--CODE	STATE
31-09-9480	LEWIS AND SONS	3025 HAMLIN MASON	HAMILTON	45011	OH
31-09-0520	MADDOX AND RODEN	ROUTE 1	MIDDLETOWN	45042	OH
31-10-0045	ANDY & JOE OCEL	ROUTE 1	MECHANICSTOWN	44651	OH
31-11-0098	POOLER AND HUMBLE	2117 N LUDLOW RD	URBANA	43078	OH
31-11-0112	WILLIS BISHOP & SONS	8298 CEMETERY RD.	DE GRAFF	43318	OH
31-11-9133	DONALD ZERKLE & SON	ROUTE 1 DUGAN RD.	URBANA	43078	OH
31-11-9476	KEN & WILFRED LEHMAN	2KEN LEHMAN RT. 1	WEST LIBERTY	43357	OH
31-11-0578	FRANK NELSON & SON	ROUTE 1	URBANA	43078	OH
31-11-0697	L. EVANS & R. RIPLEY	LEONARD EVANS R.1	URBANA	43078	OH
31-11-9731	W. A. SHIPLEY AND SON	ROUTE 3	URBANA	43078	OH
31-11-9935	C.H. GRAY & A.C. YODER	2A-C. YODER RT. 1	WEST LIBERTY	43357	OH
31-12-0006	YOUNGS JERSEY DAIRY	BOX 223, RT. 1	YELLOW SPG	45387	OH
31-12-0081	ROGER PHARES	ROUTE 1	SOUTH VIENNA	45502	OH
31-12-0091	DAN L. EIDEMILLER	1961 ADISON NC RD	NEW CARLISLE	45344	OH
31-12-9306	CHESTER FOLCK & SONS	4810 S. YEL.SP. RD	SPRINGFIELD	45506	OH
31-12-0810	FRED WEBER & SON	ROUTE 3	SPRINGFIELD	45502	OH
31-13-0017	L. C. & J. C. LIMING	ROUTE 1	FELICITY	45120	OH
31-14-9006	GEORGE GAND	ROUTE 1	MARTINSVILLE	45146	OH
31-14-9020	CHARLES OSTERMEIER	ROUTE 1	MIDLAND	45148	OH
31-14-0024	HOWARD BICKEL	ROUTE 4	WILMINGTON	45177	OH
31-14-9027	GRANTSTEAD FARM	ROUTE 3	WILMINGTON	45177	OH
31-14-9255	JULIUS FOXBOWER & SON	ROUTE 1	WILMINGTON	45177	OH
31-14-9900	WILMINGTON COLLEGE FM	924 FIFE AVE	WILMINGTON	45177	OH
31-15-9008	GLENN UNKEFER	ROUTE 2	COLUMBIANA	44408	OH
31-15-0040	C. A. RENO & SON	ROUTE 1	ENON VALLEY	16120	PA
31-15-0042	DEAN CAMPBELL	ROUTE 1	NORTH JACKSON	44451	OH
31-15-0091	JOHN H. BARTEL	ROUTE 1	SALEM	44460	OH
31-15-9093	VALLEY VIEW FARM	ROUTE 5	SALEM	44460	OH
31-15-0094	CARL MILLER	ROUTE 2	COLUMBIANA	44408	OH
31-15-0105	GLENN SAVIERS	ROUTE 1	E PALESTINE	44413	OH
31-15-0110	WAYNE L. HERRON	ROUTE 2	SALEM	44460	OH
31-15-0111	ALBERT GORCHEFF	ROUTE 3	COLUMBIANA	44408	OH
31-15-0182	WILLARD COPE HERD 1	ROUTE 2	SALEM	44460	OH
31-15-0247	HOMER EARLEY	ROUTE 3	BELOIT	44609	OH
31-15-0455	CARL E. HERRON	ROUTE 1	SALEM	44460	OH
31-15-9504	WALTER JOHNSON	ROUTE 1	HOMEWORTH	44634	OH
31-15-9673	W.R. RUPERT AND SONS	ROUTE 1	NEW WATERFORD	44445	OH
31-15-0676	MARION & OLAN SANDR	ROUTE 1	E ROCHESTER	44625	OH
31-15-9832	WADE N WEHR	ROUTE 1	NORTH LIMA	44452	OH
31-15-9874	PAUL D. WITMER	ROUTE 1	COLUMBIANA	44408	OH
31-17-0005	HAROLD EPPLEY	ROUTE 1	BUCYRUS	44820	OH
31-17-0013	BRUCE E MUTCHLER	BOX 8	OCEOLA	44860	OH
31-17-9020	DONALD W. NOBLIT	ROUTE 3	BUCYRUS	44820	OH
31-17-9200	ROBERT HARRER	ROUTE 1	NEW WASHINGTON	44854	OH
31-17-0500	LESTER T ROSS	ROUTE 3	GALLON	44833	OH

TABLE 9.--LIST OF HERD OWNERS (CONTINUED)

HERD CODE	NAME OF OWNER	STREET--ROUTE	TOWN	ADDRESS OF OWNER	ZIP-CODE	STATE
31-17-0700	JOHN SPRENG	ROUTE 2	BUCYRUS		44820	OH
31-17-0750	PAUL R WAGNER	ROUTE 2	BUCYRUS		44820	OH
31-17-0850	J G YAUSSY & SONS	ROUTE 2	BUCYRUS		44820	OH
31-19-0023	PAUL JUDY	ROUTE 3	ARCANUM		45304	OH
31-19-0412	MARK P. KRAMER	ROUTE 1	NEW WESTON		45348	OH
31-19-9816	HERMAN STOCKSDALE	ROUTE 1	UNION CITY		47390	IN
31-21-0029	THOMAS HALL	ROUTE 1	POWELL		43065	OH
31-21-0036	M.N.&R.A. FICHTELMAN	ROUTE 1	SUNBURY		43074	OH
31-21-0099	JOHN BYERS	ROUTE 1	OSTRANDER		43061	OH
31-21-0803	E.E. SMITH	ROUTE 4	DELAWARE		43015	OH
31-22-9002	WALTER E. ROWLAND	ROUTE 1	BELLEVUE		44811	OH
31-22-9024	H. T. KUNS AND SONS	ROUTE 1	CASTALIA		44824	OH
31-22-0006	ROBERT E. SCHAEFFER	ROUTE 2	SANDUSKY		44870	OH
31-22-9009	N. CENTRAL SUBSTATION	ROUTE 1	VICKERY		43464	OH
31-22-9019	ROBERT W. MOSER	ROUTE 4	BELLEVUE		44811	OH
31-23-0009	ROSS AND CARL BEERY	ROUTE 1	LANCASTER		43130	OH
31-23-0031	DARL & CARL WHIMS	ROUTE 1	PICKERINGTON		43147	OH
31-23-9061	THEODORE E KOHLER	ROUTE 1	CANAL WNCSTR		43110	OH
31-23-0074	DONALD TURNBULL	ROUTE 1	PATASKALA		43062	OH
31-23-9094	GLENN LACKEY	ROUTE 2	CANAL WNCSTR		43110	OH
31-23-0200	ROBERT AND PAUL ETV	ROUTE 3	LANCASTER		43130	OH
31-24-0001	L.W.GREENE & H.GRAVES	EDGEFIELD RD. R.3	SABINA		45169	OH
31-24-0013	CHAS.A. BURKE & SONS	ROUTE 4	WASHINGTON CH		43160	OH
31-26-0015	ROBERT WILLIAMS	ROUTE 3	DELTA		43515	OH
31-26-9075	K.KING & H.SCHMUCKER	ROUTE 5 BOX 207	WAUSEON		43567	OH
31-26-0078	GILBERT EISEL	BOX 135	BERKEY		43504	OH
31-26-0095	ED-BERT FARM	%M-RUFENACHT RT.2	ARCHBOLD		43502	OH
31-26-0400	B. NAGEL & C. JONES	R.R. 2	WAUSEON		43567	OH
31-26-0550	MAYNARD RAKER	ROUTE 2	FAYETTE		43521	OH
31-27-9023	GALLIPOLIS ST. INST.	ATTN. J. A. WOOD	GALLIPOLIS		45631	OH
31-28-0030	VERNON HOWARD	ROUTE 2	CHAGRIN FALLS		44022	OH
31-28-0725	DR. H B THOMAS & SON	ROUTE 5	CHARDON		44024	OH
31-29-9029	D.S. AND S.O. HOME	RT.1 %R.E. FULTON	XENIA		45385	OH
31-29-0330	FULTON BROTHERS		FAIRBORN		45324	OH
31-29-9360	D.KYLE & MONROE PYLES		CEDARVILLE		45314	OH
31-29-0660	LAURIS & GENE STRALEY	ROUTE 2	CEDARVILLE		45314	OH
31-30-0120	HOWARD BAY & SON	ROUTE 2	CUMBERLAND		43732	OH
31-30-0780	R. WAYNE MOORE	ROUTE 6	CAMBRIDGE		43725	OH
31-31-9001	JAMES K. HEIDRICH	5932 MUDDY CK.RD.	CINCINNATI		45238	OH
31-32-9012	R W WISELY	ROUTE 3	FINLAY		45840	OH
31-32-0016	LORENZ VON STEIN	ROUTE 4	RAWSON		45881	OH
31-32-0018	CARL FROMMER	ROUTE 2	FINLAY		45840	OH
31-32-9048	GOODSONS FARM	ROUTE 2	FOSTORIA		44830	OH
31-32-9690	CLARENCE & DAN SHOOP	ROUTE 2	MCCOMB		45858	OH
31-32-9780	EUGENE E. SPAHR	ROUTE 2	FINLAY		45840	OH

TABLE 9.--LIST OF HERD OWNERS(CONTINUED)

HERD CODE	NAME OF OWNER	STREET-ROUTE	TOWN	ZIP-CODE	STATE
31-32-0840	LUTHER A WISELEY	ROUTE 1	ALVADA	44802	OH
31-33-0009	R. BARNES & B. JONES	ROUTE 4	KENTON	43326	OH
31-33-9175	PAUL E. DIRKSON	ROUTE 2	KENTON	43326	OH
31-34-9024	HORACE STEWART	BOX 186	JEWETT	43986	OH
31-35-9008	MILLAND FARMS INC.	ROUTE 1	NAPOLEON	43545	OH
31-35-0018	LAWRENCE GERKEN	ROUTE 1	HOLGATE	43527	OH
31-35-9024	LEE MILLER	ROUTE 1	MC CLURE	43534	OH
31-35-0026	JOHN MILLER	ROUTE 3	DEFIANCE	43512	OH
31-35-0550	ALBERT SEEMANN	ROUTE 2	DESHLER	43516	OH
31-36-0036	BRATTON BROTHERS	ROUTE 3	MOMRYSTOWN	45155	OH
31-38-9001	DALE W. KAUFFMAN	ROUTE 2	SHREVE	44676	OH
31-38-0028	WILBUR S. MILLER	ROUTE 1	LAKEVILLE	44638	OH
31-38-9035	ROBERT L. WATTS	ROUTE 1	KILLBUCK	44637	OH
31-38-9036	B. B. AND FLOYD JONES	ROUTE 1	BRINKHAVEN	43006	OH
31-38-9071	RALPH W. HERMAN	ROUTE 2	FREDERICKSBG	44627	OH
31-38-0076	RALPH E. WEAVER	ROUTE 1	MILLERSBURG	44654	OH
31-38-0079	ALBERT N. SCHLABACH	ROUTE 1	SUGARCREEK	44681	OH
31-38-0087	ROY D. HERSHBERGER	ROUTE 5	MILLERSBURG	44654	OH
31-38-0104	LLOYD L. SCHLAUCH	ROUTE 1	KILLBUCK	44637	OH
31-39-0005	WILLIAM R. DALTON	ROUTE 1	WAKEMAN	44889	OH
31-39-0014	PHIL BURSLEY	ROUTE 3	WAKEMAN	44889	OH
31-39-9020	ALLEN ALBRIGHT & FMY	ROUTE 1	WILLARD	44890	OH
31-39-9047	RALPH STONE	ROUTE 1	NEW LONDON	44851	OH
31-39-0140	M. G. CAMRSE AND SON	ROUTE 2	NEW LONDON	44851	OH
31-39-0160	W. L. CAMRSE	ROUTE 2	NEW LONDON	44851	OH
31-39-9280	DONALD DIVINS	ROUTE 2	WAKEMAN	44889	OH
31-39-0395	DALWOOD FARM	WAYNE DALTON RT 3	WAKEMAN	44889	OH
31-39-0490	CHARLES B. KEYSOR	ROUTE 1	SHILOH	44878	OH
31-39-9620	LAWRENCE JERSEYS	W. I. LAWRENCE R. 3	NORWALK	44957	OH
31-41-0009	ESTHER SMITH	ROUTE 1	ADENA	43901	OH
31-41-9675	RAMSEY BROS	ROUTE 1	RICHMOND	43944	OH
31-41-0700	SMITH & WEST	ROUTE 1	DILLONVALE	43917	OH
31-42-9031	M. C. BOUTON & SONS	ROUTE 2	MT. VERNON	43050	OH
31-42-0032	GORDON BRIGGS	ROUTE 1	GAMBIER	43022	OH
31-42-9033	H. E. BECHTEL	ROUTE 1	FREDERICKTOWN	43019	OH
31-42-9034	TRUMAN FISHER FAMILY	ROUTE 2	FREDERICKTOWN	43019	OH
31-42-0041	J W LEVENGOOD & SONS	SALEM RD. RT. 3	FREDERICKTOWN	43019	OH
31-42-0053	LESTER KENNY & FAMILY	ROUTE 4	MT VERNON	43050	OH
31-42-0057	VINMAR FM. & V. CLEMENS	ROUTE 3	MT. VERNON	43050	OH
31-42-9060	RALPH G. & D. YAUGER	ROUTE 2	MT. VERNON	43050	OH
31-42-0076	HERITAGE FARMS	ROUTE 3	MT. VERNON	43050	OH
31-42-0768	TURKEY VALLEY DAIRYFM	ROUTE 2	DANVILLE	43014	OH
31-42-9925	MARVIN WARNER	ROUTE 2	FREDERICKTOWN	43019	OH
31-45-9023	H. H. BREYMAIER & SONS	ROUTE 2	GRANVILLE	43023	OH
31-45-9035	RUSSELL HOAR	ROUTE 3	NEWARK	43056	OH

TABLE 9.--LIST OF HERD OWNERS (CONTINUED)

HERD CODE	NAME OF OWNER	ADDRESS OF OWNER			STATE
		STREET-ROUTE	TOWN	ZIP-CODE	
31-45-9072	SALLIE J. SEXTON	ROUTE 2	GRANVILLE	43023	OH
31-46-0010	KAUFFMAN & MCKEON	ROUTE 1	ZANESFIELD	43360	OH
31-46-0030	H.E. ACKLEY & SONS	ROUTE 1	ZANESFIELD	43360	OH
31-46-9038	ROBERT HEATH	ROUTE 1	QUINCY	43343	OH
31-46-0042	J. R. RENICK AND SON	ROUTE 1	LEWISTOWN	43333	OH
31-46-9079	L.A. DAVIDSON & SON	ROUTE 1	QUINCY	43343	OH
31-46-0096	ROY DAVIS	ROUTE 1	LEWISTOWN	43333	OH
31-46-0108	MELVIN WATKINS JR.	ROUTE 2	W MANSFIELD	43358	OH
31-46-0112	JOHN JACKSON AND SON	ROUTE 1	DE GRAFF	43318	OH
31-46-9130	ROBERT ACKLEY	ROUTE 1	EAST LIBERTY	43319	OH
31-46-0131	LAUREN LEDLEY	ROUTE 1	RIDGEWAY	43345	OH
31-46-0135	PAUL COMER	ROUTE 2	BELLE CENTER	43310	OH
31-46-0367	W. P. HAYNES	ROUTE 1	N LEWISBURG	43060	OH
31-46-0480	DANIEL & JOE LEHMAN	ROUTE 1	WEST LIBERTY	43357	OH
31-46-9630	SCHLUMBOHM & HILLIKER	ROUTE 2	DEGRAFF	43318	OH
31-47-0022	CLARENCE PARSONS	ROUTE 2	WELLINGTON	44090	OH
31-47-0035	EARL PRENTISS	ROUTE 3	WELLINGTON	44090	OH
31-47-0048	FIRELANDS FARM	ROUTE 2	AMHERST	44001	OH
31-47-9054	ANDY TAKACS	ROUTE #1	WELLINGTON	44090	OH
31-47-0069	W. F. SWIERS AND SONS	ROUTE 1 BOX 128	WELLINGTON	44090	OH
31-47-9071	GRAFTON STATE FARM	ROUTE #3	GRAFTON	44044	OH
31-47-0080	CHARLES ZACHARIAS	RT. 1 HAWLEY RD.	WELLINGTON	44090	OH
31-47-9084	BEDEBE FARMS INC.	ROUTE 1 BOX 74	WELLINGTON	44090	OH
31-47-9150	ROBT. & CHAS. BRILL	ROUTE 1	WELLINGTON	44090	OH
31-47-0252	JOHN DOVIN	593 COOLEY ROAD	OBERLIN	44074	OH
31-47-0432	H&W DAIRY FARM	P.O. PICKWORTH R. 2	GRAFTON	44044	OH
31-47-9624	PICKWORTH BROS.	ROUTE 3	WELLINGTON	44090	OH
31-47-0672	H.J. KINGLER	ROUTE 3 BOX 169	WELLINGTON	44090	OH
31-47-9708	HARRY ROWLAND	ROUTE 1	NEW LONDON	44851	OH
31-47-0756	LAWRENCE SNYDER	TRINTER ROAD	VERMILION	44089	OH
31-47-0816	TRINTER BROTHERS	% PORSCHE RT. 1	PLAIN CITY	43064	OH
31-49-9007	PORSCHET & NICOL	% MR. TAYLOR	LONDON	43140	OH
31-49-9033	LONDON PRISON FARM	3535 WALKER ROAD	IRWIN	43029	OH
31-49-9037	L. E. BOERGERSON	FRAZELL ROAD	COLUMBUS 10	43210	OH
31-49-9062	OHIO STATE UNIVERSITY	% LACY STINSON	HILLIARDS	43026	OH
31-49-9066	L. AND J. FARMS INC.	INST % HARRY EARL	HILLIARDS	43026	OH
31-49-9071	ROBERT G. KING	ROUTE 1	GALLOWAY	43119	OH
31-49-9720	DON POWER FARM	ROUTE 2	MARION	43305	OH
31-51-9026	MARION CORRECTIONAL	ROUTE 1	MARION	43305	OH
31-51-0180	GEORGE EARL	ROUTE 1	MARION	43305	OH
31-51-0450	H. & D. LAWRENCE	ROUTE 1	MARION	43302	OH
31-52-0001	RAY-MAE FARM	% PAUL COLBERT, R. 3	WEST SALEM	44287	OH
31-52-0006	KNOWLEDEN FARMS	ROUTE 2	SPENCER	44275	OH
31-52-0018	JAMES L TAIT	ROUTE 1 BOX 25	LODI	44254	OH
31-52-9041	HOMER H HANGE	ROUTE 2	SPENCER	44275	OH

TABLE 9.--LIST OF HERD OWNERS (CONTINUED)

HERD CODE	NAME OF OWNER	STREET-ROUTE	TOWN	ZIP-CODE	STATE
31-52-0058	TWIN STREAMS FM.	ROUTE 4, BOX 337	MEDINA	44256	OH
31-52-0063	EDIS LYONS	ROUTE 2	SPENCER	44275	OH
31-52-0064	ROGER MORLOCK	ROUTE 1, BOX 205	VALLEY CITY	44280	OH
31-52-0076	W. LEATHERMAN	BOX 304 ROUTE 2	MEDINA	44256	OH
31-52-0078	LEONARD BERRY	ROUTE 1, BOX 165	SEVILLE	44273	OH
31-52-9080	DONALD L BRINTNALL	ROUTE 6 BOX 330	MEDINA	44256	OH
31-52-0094	JOHN GOMBAR	ROUTE 1, BOX 250	LITCHFIELD	44253	OH
31-52-9351	GRIESHEIMER BROS.	ROUTE 8 BOX 14	VALLEY CITY	44280	OH
31-52-0442	CARL L. HUSTON	ROUTE 1 BOX 147	MEDINA	44256	OH
31-52-0624	FLOYD NEWCOMER	ROUTE 1 BOX 147	SEVILLE	44281	OH
31-52-9650	H.B. OWEN & SON	% HAROLD OWEN	HOMERVILLE	44235	OH
31-52-9741	WILLARD ROBY	ROUTE 5 BOX 167	MEDINA	44256	OH
31-52-9773	ROBERT SCHMELZER	ROUTE 2 BOX 195	MEDINA	44256	OH
31-52-0793	WILLIAM SCHWINN	BOX 11	VALLEY CITY	44280	OH
31-54-9002	OTHMAR FULLENKAMP	ROUTE 1, BOX 192	MARIA STEIN	45860	OH
31-54-9012	ROBERT E HIGH	ROUTE 1, BOX 102	MENDON	45862	OH
31-54-0016	ORVILLE & L. CROUCH	ROUTE 1, BOX 21	MENDON	45862	OH
31-54-9030	DR. CHARLES P. ADKINS	CLEARVIEW FM R.R.	ST. HENRY	45883	OH
31-54-9052	JESSE STOCKDALE	ROUTE 5 BOX 170	UNION CITY	47390	OH
31-54-9755	ST. CHARLES SEMINARY		CARTHAGENA	45823	OH
31-55-9390	H.E. AND J.J. KNUOP	8877 N. NEWHOPE RD	FLETCHER	45326	OH
31-56-9024	WINDEMERE FARM	ROUTE 2	JERUSALEM	43747	OH
31-57-0010	GRUSEMEYER BROTHERS	8625 BRANDT PK	DAYTON 24	45424	OH
31-57-0014	DIRK HARMS	ROUTE 3	BROOKVILLE	45309	OH
31-57-9019	O.R. COFFMAN & SON	ROUTE 1	FARMERSVILLE	45325	OH
31-57-0030	RULAND & RONALD LONG	9820 BYERS ROAD	MIAMISBURG	45342	OH
31-57-0045	HAROLD LEIS	ROUTE 1	FARMERSVILLE	45325	OH
31-57-0049	KENNETH R. EBY	ROUTE 1	FARMERSVILLE	45325	OH
31-59-9027	DD & EC WENGER	ROUTE 3	FREDERICKTOWN	43019	OH
31-59-0031	BRUCE LEVERING	ROUTE 2	FREDERICKTOWN	43019	OH
31-59-9840	PLEIADES FARMS	ROUTE 3	MT GILEAD	43338	OH
31-60-0005	GEORGE H. VANDENBARK	ROUTE 1	ZANESVILLE	43705	OH
31-62-0875	HOWARD LOHR	ROUTE 1	MARTIN	43445	OH
31-65-9022	ORIENT STATE HOSPITAL		ORIENT	43146	OH
31-65-0090	ROBERT BARNES	ROUTE 1	WILLIAMSPORT	43164	OH
31-65-0450	WAYNE HINES & FAMILY	ROUTE 1	ASHVILLE	43103	OH
31-67-9019	ANNZIBAR FARM	5930 VAIR ROAD	RAVENNA	44266	OH
31-67-9031	KAUFMAN FARMS	8562 SEASONS ROAD	STREETSBORO	44240	OH
31-67-0034	PAUL RHOADES JR.	118 HOME RD.	KENT	44240	OH
31-67-0828	GRAC - GLEN FARMS	7370 ST. RT. 44	RAVENNA	44266	OH
31-68-9040	JOSEPH HUNN	ROUTE 1	NEW LEBANON	45345	OH
31-69-5014	GORDON LUGIBHL	ROUTE 1	PANDORA	45877	OH
31-69-9300	FLOYD C. GROFF	ROUTE 3	CONTINENTAL	45831	OH
31-70-9015	JOHN SIMMONS	ROUTE 2	BELLVILLE	44813	OH
31-70-9036	OHIO ST. REFORMATORY	DAIRY OFFICE	MANSFIELD	44901	OH

TABLE 9.--LIST OF HERD OWNERS (CONTINUED)

HERD CODE	NAME OF OWNER	STREET-ROUTE	TOWN	ZIP-CODE	STATE
31-70-0046	JASON KISLING	ROUTE 7	LEXINGTON	44904	OH
31-72-0015	RICHARD WIDMAN	RT. 1 POMONA ACRES	FREMONT	43420	OH
31-72-0033	LEE HAVENS	ROUTE 1	FREMONT	43420	OH
31-72-9036	RUSSELL KERNS	H&R FARMS ROUTE 1	BURGOON	43407	OH
31-72-9037	NORMAN F. PHILLIPS	ROUTE 1	RISINGSUN	43457	OH
31-72-9038	HENRY FRANK		GREENSPRINGS	44836	OH
31-72-9039	J. D. & K. E. HAVENS	BROOKVIEW FMS. R2	FREMONT	43420	OH
31-74-9005	JEAN LEMMERMAN	ROUTE 4	TIFFIN	44883	OH
31-74-9028	H. J. ZIEGLER SONS NO1	ROUTE 2 BOX 65	CLYDE	43410	OH
31-74-0044	H. & J. DAMSCHRODER	ROUTE 2	REPUBLIC	44867	OH
31-74-0047	EARLIN THALLMAN	ROUTE 3	FOSTORIA	44830	OH
31-74-0074	GERALD & RUTH HOEPF & SON	%G. HOEPF RT. 4	TIFFIN	44883	OH
31-74-0420	NELSON PRICE	ROUTE 1	TIFFIN	44883	OH
31-74-9805	WEIKLAND FARMS	WEIKER BROS. RT. 2	REPUBLIC	44867	OH
31-75-0016	MAURICE BELL	ROUTE 5	SIDNEY	45365	OH
31-75-0017	VICTOR SCHMERGE	ROUTE 1	BOTKINS	45306	OH
31-75-0210	FRANK CUM4INGS	ROUTE 5	SIDNEY	45365	OH
31-75-9280	NORBERT C DELOYE	ROUTE 1	FT LORAMIE	45845	OH
31-75-0350	ROY HEILAND	ROUTE 1	ANNA	45302	OH
31-75-0385	TRIO FARMS, INC.	ROUTE 1	BOTKINS	45306	OH
31-75-0472	EDWARD KOHLER	ROUTE 1	BOTKINS	45306	OH
31-75-9665	DON NELSON	ROUTE 5	SIDNEY	45365	OH
31-76-9004	ELGENDALE FARMS	7070 NICKLE PLATE	LOUISVILLE	44641	OH
31-76-9005	R. FLOYD PARRISH	7136 OAKHILL AVE	MAXIMO	44650	OH
31-76-9044	MARVIN COOK	ROUTE 1	EAST SPARTA	44626	OH
31-76-0047	KENWOOD BLIM	ROUTE 2	LOUISVILLE	44641	OH
31-76-0058	GLASALEE FARM	6799 N. PLATE N.E.	LOUISVILLE	44641	OH
31-76-0064	OWAYNE RABER	ROUTE 3	ALLIANCE	44666	OH
31-76-0085	ROY BAKER	10331 SHETLER AVE	NAVARRE	44662	OH
31-76-9088	MIDDLE BROOK FARM	1995 ALA. KURZEN	DALTON	44618	OH
31-76-9089	MASSILLON STATE HOSP.	%MCKENZIE BOX 540	MASSILLON	44646	OH
31-76-9090	DEAN GOODMAN	7633 HUDSON DR. SW	NAVARRE	44662	OH
31-76-9091	EDWIN STENER	7070 NAVE STREET	MASSILLON	44646	OH
31-76-9096	DUNALD BIDINGER	ROUTE 1	DOYLESTOWN	44230	OH
31-76-0104	PAUL AND RAY STOCKERT	15274 WAKWICK DR.	CANAL FULTON	44614	OH
31-76-9113	CYRILLAS SMITH	1723 SCHNEIDERN.E	NORTH CANTON	44720	OH
31-76-0114	WAYNE STROUBLE	5466 WERNER CH. RD	CANTON	44721	OH
31-76-9117	KENNETH RENNER	ROUTE 2	DALTON	44618	OH
31-76-9150	CAMPBELL BROS.	3821 UNION N. E.	HOMEWORTH	44634	OH
31-76-9375	MAREVA FARM INC.	8101 STATE STREET	LOUISVILLE	44641	OH
31-76-9425	APPLE ACKES FARM	2504 BRUMBAUGH ST	NORTH CANTON	44720	OH
31-76-9550	JOHN A. MARTIG JR.	7200 RAVENNA AVE	LOUISVILLE	44641	OH
31-76-9688	JAMES MONTER	11660 GEOTWN. ST. NE	LOUISVILLE	44641	OH
31-76-0706	WM. RUEGG	2955 MANCHSTR NW	N LAWRENCE	44666	OH
31-78-0045	L. C. KEPNER AND SON	ROUTE 1	FOWLER	44418	OH

TABLE 9.--LIST OF HERD OWNERS(CONTINUED)

HERD CODE	NAME OF OWNER	STREET-ROUTE	TOWN	ADDRESS OF OWNER	ZIP-CODE	STATE
31-78-0252	W.M. DAVIS	ROUTE 1 BOX 22	KINSMAN		44428	OH
31-78-9336	GELBKE BROTHERS	ROUTE 1	VIENNA		44473	OH
31-78-0612	FRED E. MYERS	ROUTE 2	KINSMAN		44428	OH
31-78-0744	VAUGHN SUNBURY		FARMDALE		44417	OH
31-79-0002	L. A. MARBURGER	ROUTE 2	UHRICHSVILLE		44683	OH
31-79-0022	ROBERT R. CLARKE	ROUTE 1	UHRICHSVILLE		44683	OH
31-79-9718	WAYNE E. SPECHT	ROUTE 2	DOVER		44622	OH
31-80-0015	J. E. MERCER	ROUTE 1	PLAIN CITY		43064	OH
31-80-0023	M.G. BURNSEFAMILY	ROUTE 1	MILFORD CTR		43045	OH
31-80-0026	SCHMIDT AND BURNS	ROUTE 1	MILFORD CTR		43045	OH
31-80-9049	FAY L. BOUIC	ROUTE 2	OSTRANDER		43061	OH
31-80-9053	E.C. RAUSCH AND SONS	ROUTE 1	PLAIN CITY		43064	OH
31-80-9055	ROBERT RAUSCH	ROUTE 2	PLAIN CITY		43064	OH
31-80-9056	LEO & R. H. RAUSCH	ROUTE 2	MARYSVILLE		43040	OH
31-80-9069	RONALD CUNNINGHAM	ROUTE 1	MARYSVILLE		43040	OH
31-80-9440	ARTHUR LOSCHKY	ROUTE 1	MILFORD CTR		43045	OH
31-81-9007	PAUL BELDON	ROUTE 4	VAN WERT		45891	OH
31-81-9210	ELMER FREUND JR.	ROUTE 3	DELPHOS		45833	OH
31-83-9026	SAN MAR GALE FARMS	ROUTE 1	OREGONIA		45054	OH
31-83-0360	P C HILDEBRANT	ROUTE 2	MAINEVILLE		45039	OH
31-85-9053	DALE MARTY	ROUTE 1	STERLING		44276	OH
31-85-9064	BILLMAN BROS. HERD 1	RURAL ROUTE	BURBANK		44214	OH
31-85-9067	MYKRANTZ BROTHERS	WEST LINCOLN WAY	WOOSTER		44691	OH
31-85-9070	LUTHER A. WISE&SON	ROUTE 2	WEST SALEM		44287	OH
31-85-0077	DEAN HOSTETLER	ROUTE 2	ORRVILLE		44667	OH
31-85-0081	ELMER GOOD	ROUTE 2	ORRVILLE		44667	OH
31-85-9087	E.&E. BEEGLE	ROUTE 5	WOOSTER		44694	OH
31-85-9094	MYRON H. STEINER	ROUTE 1	CRESTON		44217	OH
31-85-9102	HAROLD B. BOWMAN	REFLECTO FM. RT. 1	CRESTON		44217	OH
31-85-9103	RICHARD BAUMAN	ROUTE 1	STERLING		44276	OH
31-85-9106	ROGER W. MARTIN	ROUTE 5	WOOSTER		44694	OH
31-85-9107	VERNON M. MILLER	ROUTE 2	APPLE CREEK		44606	OH
31-85-0108	STARVIEW DAIRY FARM	ROUTE 2	WEST SALEM		44287	OH
31-85-9110	CARL E. SWINEHART	ROUTE 1	WEST SALEM		44287	OH
31-85-0111	LEE LAR FARM	ROUTE 1	BURBANK		44214	OH
31-85-9118	JAMES GRESSER	ROUTE 1	STERLING		44276	OH
31-85-9121	WAYNE AND ROGER KOCH	ROUTE 2	WEST SALEM		44287	OH
31-85-9128	LEONARD P. KOCH	ROUTE 5	WOOSTER		44691	OH
31-85-9139	CARLOS SHUY	ROUTE 1	CRESTON		44217	OH
31-85-9140	JESSE HARTZLER	ROUTE 1	SMITHVILLE		44677	OH
31-85-9141	FRANCHESTER FARMS	ROUTE 2	WEST SALEM		44287	OH
31-85-9143	HOMER BILLMAN & SONS	ROUTE 2	WEST SALEM		44287	OH
31-85-0145	GALEN BEERY	ROUTE 1 BOX 233	BURBANK		44214	OH
31-85-9148	LARRY F. REBER	ROUTE 1	APPLE CREEK		44606	OH
31-85-0149	FREDERICK C. WOLF	ROUTE 3	WEST SALEM		44287	OH

TABLE 9.—LIST OF HERD OWNERS (CONTINUED)

HERD CODE	NAME OF OWNER	STREET-ROUTE	ADDRESS OF OWNER TOWN	ZIP-CODE	STATE
31-85-9151	RUSSELL GORTNER	ROUTE 5	WOOSTER	44691	OH
31-85-0154	DON HASTINGS	ROUTE 2	WEST SALEM	44287	OH
31-85-0162	WILLIAM MOORE	ROUTE 1	WOOSTER	44691	OH
31-85-0172	GERALD A. PAYN	ROUTE 1	WEST SALEM	44287	OH
31-85-0173	GWIN FARMS	ROUTE 1	LAKEVILLE	43331	OH
31-85-0174	PAUL LENGACHER & SONS	ROUTE 1	CRESTON	44217	OH
31-85-0175	ABRAHAM MILLER	ROUTE#6	WOOSTER	44691	OH
31-85-9187	CLIFF EMERSON	ROUTE 1	APPLE CREEK	44606	OH
31-85-9238	L O GILMORE	ROUTE 5	WOOSTER	44694	OH
31-85-9272	JOSEPH HARTZLER	ROUTE 5	WOOSTER	44691	OH
31-85-0289	MARVIN HOFFER & SON	ROUTE 6	WOOSTER	44691	OH
31-85-0374	RUSSEL JOHNSON	ROUTE 2	DALTON	44618	OH
31-85-9391	JAY K KOHLER	ROUTE 2	ORRVILLE	44667	OH
31-85-9459	ARTHUR MAIBACH	ROUTE 1	CRESTON	44217	OH
31-85-0561	ALVIN STEINER	ROUTE 1	RITTMAN	44270	OH
31-85-0595	RESSLER BROTHERS	ROUTE 1	DALTON	44618	OH
31-85-9629	R.L. RING AND SON	ROUTE 5	WOOSTER	44691	OH
31-85-0714	HOMER SECHRIST	ROUTE 1	WEST SALEM	44287	OH
31-85-9748	WALTER F. SNOODY	ROUTE 1	SHREVE	44676	OH
31-85-0782	L.A. STEINER & SON	ROUTE 1	APPLE CREEK	44606	OH
31-85-9804	GEORGE SCHWARZWALDER	ROUTE 1	SHREVE	44676	OH
31-85-0816	H. BEUN & S. WELTY	ROUTE 1	APPLE CREEK	44606	OH
31-85-0833	H. WERSTLER	ROUTE 1	CRESTON	44217	OH
31-85-9890	R.H. & MARLENE WISE	ROUTE 1	BURBANK	44214	OH
31-86-0014	WAYNE REDIGER	ROUTE 2	PIONEER	43554	OH
31-86-0020	JEROME J. HARTMAN	ROUTE 2	BRYAN	43506	OH
31-86-9021	J.M. TRESSLER	ROUTE 2	BRYAN	43506	OH
31-86-0027	ROBERT J. LEHMAN	ROUTE 1	EDGERTON	43517	OH
31-86-9038	DALE RIGG	ROUTE 2	WEST UNITY	43570	OH
31-86-9051	OVERLIN BROS	ROUTE 2	BRYAN	43506	OH
31-86-9052	HAROLD RALPH RIGG	ROUTE 3	BRYAN	43506	OH
31-86-9700	OWEN SCHROEDER	ROUTE 1	EDGERTON	43517	OH
31-87-0004	ROBERT MORLOCK	ROUTE 1	PEMBERVILLE	43450	OH
31-87-0024	PAUL COX	ROUTE 1	RISINGSUN	43457	OH
31-87-0595	RALPH HENSCHEN	ROUTE 2	BOWLING GREEN	43402	OH
31-87-9770	O. T. SHAFFER & SON	% LYLE SHAFFER	CYGNET	43413	OH
31-88-9008	LEWIS GOTTFRIED JR.	FRANLEW FM, RT. 2	UPR SANDUSKY	43351	OH
31-88-0012	JOE DERR	ROUTE 2	CAREY	43316	OH
31-88-0090	GLENN F. ALTVATER	ROUTE 1	WHARTON	43359	OH
31-88-0630	ARTHUR MAWER	ROUTE 1	HARSTER	43323	OH
32-01-9041	PAUL W. BREHM	ROUTE 1	BERNE	46711	IN
32-01-0046	KENNETH BEER AND SON	ROUTE 2	BERNE	46711	IN
32-01-0048	NORMAN BECHER	ROUTE 1	BERNE	46711	IN
32-01-9280	BEN & ARNOLD GERKE	ROUTE 3	DECATUR	46733	IN
32-01-9485	ROLANDES LIECHTY	ROUTE 2	BERNE	46711	IN

TABLE 9.--LIST OF HERD OWNERS(CONTINUED)

HERD CODE	NAME OF OWNER	STREET-ROUTE	ADDRESS OF OWNER TOWN	ZIP-CODE	STATE
32-01-0760	ELI SCHWARTZ & SONS	ROUTE 1	BERNE	46711	IN
32-01-9901	HARRY WULLIMAN & SON	ROUTE 1	BERNE	46711	IN
32-02-0047	MILAN F. BLESSING	ROUTE 5	FORT WAYNE	46808	IN
32-02-0164	J. DEHNER & M. MILLER	ROUTE 4	FT. WAYNE	46802	IN
32-02-0410	EARL JOHNSON	ROUTE 5	FT. WAYNE	46808	IN
32-02-0766	ARNOLD SCHEUMANN	ROUTE 1	HOAGLAND	46745	IN
32-02-0901	RUDOLPH WIETFELDT	ROUTE 1	HOAGLAND	46745	IN
32-03-0241	ALBERT & MARVIN FINKE	ROUTE 1	COLUMBUS	47201	IN
32-04-0760	PAUL & RICHARD SMITH	3 PAUL A. SMITH	RAUB	47976	IN
32-06-9046	RAY BOTTEMA	ROUTE 1	ZIONSVILLE	46077	IN
32-06-0710	FRANCIS RODGERS & SON	ROUTE 4	LEBANON	46052	IN
32-06-9762	SISS & ARTMAN	101 ULEN BLVD.	LEBANON	46052	IN
32-09-9042	HARRY & JAMES BRIDGE	ROUTE 2	ROYAL CENTER	46978	IN
32-09-0162	RONALD DILLMAN	ROUTE 1	TWELVE MILE	46988	IN
32-09-0412	ORVILLE AND MAX JONES	ROUTE 1	ROYAL CENTER	46978	IN
32-09-0481	LOGANSPT. ST. HOSPITAL	ROUTE 2	LOGANSPT	46947	IN
32-09-0539	FREDERICK MAYHILL	ROUTE 3	LOGANSPT	46947	IN
32-09-0712	CARL RUDICEL & SONS	ROUTE 1	TWELVE MILE	46988	IN
32-09-0714	ROBERT RUDICEL	ROUTE 1	TWELVE MILE	46988	IN
32-09-0901	LEONARD & R. WAGONER	ROUTE 5	LOGANSPT	46947	IN
32-10-9210	H.A. ELLINGSWORTH	ROUTE 1 BOX 560	JEFFERSONVL	47130	IN
32-10-9651	DULEY PERRIN	RT. 9 UTICA PIKE	JEFFERSONVL	47130	IN
32-10-9764	MELVIN F. SCOTT	ROUTE 1	CHARLESTOWN	47111	IN
32-14-9101	WILLIAM L. CRANE		ELNDRA	47529	IN
32-17-0042	RICHARD BRECHBILL	ROUTE 3	AUBURN	46706	IN
32-17-0320	JOHN HAYNES	ROUTE 3	AUBURN	46706	IN
32-17-9533	LEO METZGER	ROUTE 1	WATERLOO	46793	IN
32-18-9281	JOHN GUTHRIE	ROUTE 5	MUNCIE	47302	IN
32-18-9282	R. W. GODWIN & SONS	ROUTE 1	DALEVILLE	47334	IN
32-18-0410	JACKSON & HENSLEY	ROUTE 2	YORKTOWN	47396	IN
32-18-0441	KIEFER AND SCHLEGEL	ROUTE 1	DALEVILLE	47334	IN
32-18-9710	OTIS P. RITCHIE & SON	ROUTE 1	GASTON	47342	IN
32-19-0590	EARL & ROY NEWLIN	ROUTE 2	ORLEANS	47452	IN
32-20-9114	MRS. PAULINE CUDDENS	ROUTE 1	BRISTOL	46507	IN
32-20-9240	DELBERT W. CRIPE	ROUTE 4 BOX 323	ELKHART	46514	IN
32-20-C280	J.P. & R. GORSUCH	ROUTE 3, BOX 237	GOSHEN	46526	IN
32-20-9326	OLIVER HIBSCHMAN	ROUTE 1	SYRACUSE	46567	IN
32-20-9534	LEWIS K. MARTIN & SON	ROUTE 1	WAKARUSA	46573	IN
32-20-0764	DANIEL J. SNIDER	ROUTE 1	NEW PARIS	46553	IN
32-20-9860	JOHN UMMEI	ROUTE 1	ELKHART	46514	IN
32-20-9906	UTIS WEAVER	ROUTE 5	GOSHEN	46526	IN
32-20-0916	DALE E. WELDY	ROUTE 4, BOX 325	ELKHART	46514	IN
32-20-9921	VIRGIL C. WEAVER	ROUTE 3	GOSHEN	46526	IN
32-20-9922	OSCAR R. WEAVER	ROUTE 3 BOX 171	GOSHEN	46526	IN
32-20-9424	U.H. & RICHARD D. WENGER	ROUTE 4 BOX 297	ELKHART	46514	IN

TABLE 9.--LIST OF HERD OWNERS (CONTINUED)

HERD CODE	NAME OF OWNER	STREET-ROUTE	TOWN	ZIP-CODE	STATE
32-20-9961	HAROLD C. YODER	ROUTE 2	SYRACUSE	46567	IN
32-20-0969	MYLIN E. YODER	ROUTE 1, BOX 6	MIDDLEBURY	46540	IN
32-25-0165	FRANK & EDGAR DIVELEY	ROUTE 6	ROCHESTER	46975	IN
32-25-0212	JANICE&RICHARD EARLY	ROUTE 6	ROCHESTER	46975	IN
32-25-9244	ROGER FIELDS & WALSH	ROUTE 3	KEMANNA	46939	IN
32-25-9325	DELBERT HUNTER	ROUTE 2	ROCHESTER	46975	IN
32-25-9482	MAURICE LIPPLEY	ROUTE 2	SILVER LAKE	46982	IN
32-25-0901	H. & K. WARNER	ROUTE 3 BOX 124	ROCHESTER	46975	IN
32-27-0111	CHAS. CRAIG & FAMILY	ROUTE 1	JONESBORO	46938	IN
32-27-0322	WILLIS HOKE	ROUTE 1	JONESBORO	46938	IN
32-27-0534	SHERRIL MALOTT	ROUTE 1	JONESBORO	46938	IN
32-27-0543	MILLERS COW PALACE	%JAMES MILLER R. 1	UPLAND	46989	IN
32-27-9657	TERRY PRICE	ROUTE 3	MARION	46952	IN
32-27-9763	RONALD & LESLIE SMITH	ROUTE 1	JONESBORO	46938	IN
32-27-0906	IAN KING	ROUTE 1	SHAYZEE	46986	IN
32-29-9530	HARRELWOOD FARM	RT. 1 %H. MEEHAN	NORLESVILLE	46060	IN
32-29-9903	KENNETH L. WALKER	ROUTE 2 BOX 23	SHERIDAN	46069	IN
32-30-9104	COX W CARLTON	ROUTE 5	GREENFIELD	46140	IN
32-30-0160	W. DEWITT&FAMILY	ROUTE 1	NEW PALESTINE	46206	IN
32-30-0210	M. ENGLEKING & FAMILY	ROUTE 3	GREENFIELD	46140	IN
32-30-5441	DON & FLOYD KITLEY	ROUTE 1	NEW PALESTINE	46163	IN
32-30-0763	FOREST SPARKS & SON	ROUTE 2	GREENFIELD	46140	IN
32-32-0047	C. M. BOTTEMA FARM W.	ROUTE 2 BOX 380	INDIANAPOLIS	46231	IN
32-32-9534	GUY MC FARLAND & SONS	ROUTE 1 BOX 708	INDIANAPOLIS	46227	IN
32-33-9041	DANIEL W. BAKER&FAM.	ROUTE 2	MIDDLETOWN	47356	IN
32-33-0411	CHARLES JAMES	ROUTE 1	MOORELAND	47360	IN
32-33-9713	HERMAN RODEFFER	ROUTE 1	MOORELAND	47360	IN
32-34-0101	HERMAN T. CARTER	ROUTE 1	RUSSIAVILLE	46979	IN
32-35-0003	MARK ANSON	ROUTE 1	ANDREWS	46702	IN
32-38-9324	JOHN HARDY & WAYMIRE	ROUTE 1	BRYANT	47326	IN
32-38-0652	THE PEN WILL FARM	ROUTE 1	PENNVILLE	47369	IN
32-38-9900	MR&MRS. E. WALTERS&SON	ROUTE 2	PORTLAND	47371	IN
32-41-0652	CLIFFORD PARKER	ROUTE 4, BOX 93	FRANKLIN	46131	IN
32-42-0411	CARL JOHANNINGSMEIER	ROUTE 1	EDWARDSPORT	47528	IN
32-43-9161	DEATON & WATKINS	ROUTE 2	SYRACUSE	46547	IN
32-43-9531	MYRON & GRACE METZGER	ROUTE 2	CLAYPOOL	46510	IN
32-43-9537	LESTER L. MORT & SON	ROUTE 1	PIERCETON	46562	IN
32-43-9622	LELAND & EDITH OSBORN	ROUTE 2	PIERCETON	46562	IN
32-43-0860	EDITH & STANLEY UMMEL	ROUTE 1	CLAYPOOL	46510	IN
32-43-0906	FRANCIS E. WILDMAN	ROUTE 1	LEESBURG	46538	IN
32-44-0331	M. HOOLEY BLACK&LNUFTM	ROUTE 4	LAGRANGE	46761	IN
32-44-9481	BURTON LEWIS	ROUTE 3	LAGRANGE	46761	IN
32-44-9650	KENNETH PERKINS	ROUTE 1	HUDSON	46747	IN
32-44-0820	RUSSELL TALMAGE	ROUTE 3	LAGRANGE	46761	IN
32-44-0904	JOSEPH J. WINGARD JR.	ROUTE 2	SHIPSHAWANA	46565	IN

TABLE 9.--LIST OF HERD OWNERS (CONTINUED)

HERD CODE	NAME OF OWNER	STREET-ROUTE	TOWN	ZIP-CODE	STATE
32-44-9966	MAURICE A. YODER	ROUTE 3	LAGRANGE	46761	IN
32-45-9320	EDWARD A. HEIN	ROUTE 1 BOX 61	CROWN POINT	46307	IN
32-45-0533	MONA DELL FARM	ROUTE 2 BOX 176	LOWELL	46356	IN
32-45-0710	ROW & SCHAFER	ROUTE 3 BOX 358	CROWN POINT	46307	IN
32-45-9768	OTTO SCHWEITZER	ROUTE 2 BOX 177	LOWELL	46356	IN
32-46-9041	RICH LOU FARMS	BUGHER & SONS R.1	UNION MILLS	46382	IN
32-46-0045	BAKER - WEINKAUF	ROUTE 1	LACROSSE	46348	IN
32-46-9100	LLOYD CLAYTON	ROUTE 4, BOX 271	LAPORTE	46350	IN
32-46-9107	HARRY F. CONRAD	ROUTE 1, BOX 3	MILLCREEK	46365	IN
32-46-0211	JOSEPH EKOVIICH		ROLLING PR	46371	IN
32-46-0283	R. BOYD & GOODWIN	ROUTE 1 BOX 78	UNION MILLS	46382	IN
32-46-9321	STEVE & JOHN HORVATH	ROUTE 2	NEW CARLISLE	46552	IN
32-46-9324	EDWARD HAGENOW	ROUTE 1	WESTVILLE	46391	IN
32-46-0333	HARVEY E SOMMERS SONS	HARLA FMS, RT.1	HANNA	46340	IN
32-46-0380	INDIANA STATE PRISON	ATT-DAIRY HERDSMN	RT-5, LAPORTE	46350	IN
32-46-0482	LONG BROS	ROUTE 1	ROLLING PR	46371	IN
32-46-0483	WARREN LINDBOURG	ROUTE 1	UNION MILLS	46382	IN
32-46-9590	ROBERT A NELSON	ROUTE 2, BOX 102	LAPORTE	46350	IN
32-46-9710	HOWARD RIBORDY	ROUTE 2, BOX 169	LAPORTE	46350	IN
32-46-0711	FLOYD & DEAN RIBORDY	ROUTE 2	LAPORTE	46350	IN
32-46-0765	WALTER SCHWARZKOPF	ROUTE 5	LAPORTE	46350	IN
32-46-0960	EDWARD YOUNGBLOOD SR.	ROUTE 1	MILLCREEK	46365	IN
32-47-0620	PAUL R. OOLEY	ROUTE 3 BOX 231	BEDFORD	47421	IN
32-48-0380	IND. REFORMATORY	%C.KINDER BOX 28	PENDLETON	46064	IN
32-48-0650	RUSSELL PATTISON	ROUTE 1	SUMMITVILLE	46070	IN
32-49-9590	NORMANDY FARM	ROUTE 16	INDIANAPOLIS	46204	IN
32-50-9161	ROBERT STANER	ROUTE 3	BREMEN	46506	IN
32-50-0542	INSLEY AND GARDNER	ROUTE 1 BOX 390	SYRACUSE	46506	IN
32-50-9592	JOHN A. NEWMAN & SONS	ROUTE 2, BOX 21	CULVER	46511	IN
32-50-0825	CARROLL THOMPSON	ROUTE 1	ARGOS	46501	IN
32-55-0041	C.-BOTTEMA, AL.-JACKSON	ROUTE 2, BOX 286	CAMBY	46113	IN
32-57-0320	CHAS. T. HOSFORD & SONS	LIL - CHAR FARMS	WAWAKA	46794	IN
32-57-0452	JOHNS AND LAMBRIGHT#1	ROUTE 1	MILLERSBURG	46543	IN
32-57-0480	CLAUDE LANE	825 S MAIN ST	KENDALLVILLE	46755	IN
32-57-9482	ARTHUR LOVELESS & SON		CROWWELL	46732	IN
32-57-9539	CHIEFTAIN FARMS INC.	ROUTE 1	KINHELL	46760	IN
32-57-0716	R. ROGERS AND W. PANKOP	ROUTE 1	KENDALLVILLE	46755	IN
32-57-9901	EUGENE WEBER	ROUTE 1	KENDALLVILLE	46755	IN
32-64-0323	AARON HEINOLD & SONS	BOX 142, ROUTE 2	KOUTS	46347	IN
32-64-9762	EUGENE SINN	ROUTE 1	KOUTS	46347	IN
32-66-0442	KNEBEL BROTHERS	ROUTE 4	WINAMAC	46996	IN
32-67-9040	ED BROOKSHIRE	ROUTE 2	ROACHDALE	46172	IN
32-67-0241	MARION FERRAND	ROUTE 3	GREENCASTLE	46135	IN
32-67-0710	W. AND G. ROBERTSON	ROUTE 2	ROACHDALE	46172	IN
32-68-9243	FOREST FOUTZ & SON	ROUTE 1	PARKER	47368	IN

TABLE 9.--LIST OF HERD OWNERS (CONTINUED)

HERD CODE	NAME OF OWNER	STREET-ROUTE	TOWN	STATE	ZIP-CODE
32-68-9285	MRCMRS M. GORDON HD#2	ROUTE 2	LYNN	IN	47355
32-68-9535	THOMAS A. MILLER	ROUTE 3	WINCHESTER	IN	47394
32-68-9770	BYRON SMITHSON	ROUTE 1	RIDGEVILLE	IN	47390
32-71-9043	CHARLES BIRK & SON	64672 BEECH RD	WAKARUSA	IN	46573
32-71-0164	OTTIS&JIM DAVIDHIZAR	10126 PIERCE RD	WAKARUSA	IN	46573
32-71-0243	EDGAR FREEHAUF	ROUTE 2	BREMEN	IN	46506
32-71-0325	R.E. HASKINS AND SONS	19101 OSBORNE RD.	LAKEVILLE	IN	46536
32-71-0480	HERMAN BRINKHOFF	ROUTE 2	NORTH LIBERTY	IN	46554
32-72-0101	JAMES COMER	ROUTE 1	AUSTIN	IN	47102
32-73-9241	HARLAN FORTMEYER	ROUTE 1	ST PAUL	IN	47272
32-73-0281	LEE R. GRAVELY	ROUTE 4	SHELBYVILLE	IN	46176
32-74-0761	ST MEINRADS ABBEY	8800.D.SCHEPERS	ST MEINRAD	IN	47577
32-76-9102	COLLINS JERSEYS	ROUTE 1	ORLAND	IN	46776
32-82-0714	JAMES RIGG & SONS	ROUTE 8	EVANSVILLE	IN	47711
32-85-9530	MARK MANSFIELD	ROUTE 1	N.MANCHESTER	IN	46962
32-88-0650	NORMAN PONSFORD	ROUTE 4	SALEM	IN	47167
32-89-0044	BUCKLAND BROS. RT.#27	3001 WERNLE ROAD	RICHMOND	IN	47374
32-89-0328	ROBERT HELMS	ROUTE 2	CENTERVILLE	IN	47330
32-89-9531	B.MOYER & M.MOYER	ROUTE 1	GREENSFORK CY	IN	47345
32-89-0822	THARP AND TERHAAR	ROUTE 1	FOUNTAIN CITY	IN	47341
32-90-0329	HALTERMAN & PETERSON	ROUTE 1	PONETO	IN	46781
32-90-0380	HAROLD ISCH	ROUTE 3	BLUFFTON	IN	46714
32-91-9710	R.&H.REIFF	ROUTE 1	BURNETTSTVILLE	IN	47926
32-91-0760	PAUL SCHNAB	ROUTE 2	WOLCOTT	IN	47995
32-92-9441	MONROE KITSON	ROUTE 4	COLUMBIA CITY	IN	46725
32-92-9531	LOREN & OLIVE METZGER	ROUTE 2	SOUTH WHITLEY	IN	46787
32-92-0765	H.&D.STUDEBAKER	ROUTE 1	SO. WHITLEY	IN	46787
32-92-0960	LOWELL YOHE	ROUTE 1	SOUTH WHITLEY	IN	46787
32-94-9650	J.ALBRIGHT, SMITH HALL	PURDUE UNIVERSITY	LAFAYETTE	IN	47907
33-01-0274	LEE H FARLOW		CAMP POINT	IL	62320
33-01-0440	CHARLES KOCH	RR 2	MT STERLING	IL	62353
33-01-0741	ROBERT F TERSTRIEP	RR 1	QUINCY	IL	62301
33-02-0210	DEBATIN BROTHERS	RR 1	POCAHONTAS	IL	62275
33-02-0441	PAUL BUNYARD	R R 5	GREENVILLE	IL	62246
33-02-0443	KENNETH KERSCH		GREENVILLE	IL	62246
33-02-0510	JOHN AND LLOYD MARCOOT		SMITHBORO	IL	62284
33-02-0715	WILLIAM SCHRAGE	RR 5	GREENVILLE	IL	62246
33-02-0721	ARNOLD SCHNEIDER		SMITHBORO	IL	62284
33-02-0840	STEPHEN D WAIT AND SON		GREENVILLE	IL	62246
33-02-0845	EARL WEIS DAIRY FARM	RR 2	POCAHONTAS	IL	62275
33-03-0211	DUETT & GEORGE ROBINSON	RR 1	CAPRON	IL	61012
33-03-0243	E H ELLINGSON AND SON	ATTN DON ELLINGSON	POPLAR GROVE	IL	61065
33-03-0512	MYRLAND & HULSTEDT	73 EAST ELM ST	CHICAGO	IL	60611
33-03-0540	MAX NEWPORT AND K B FARM	RR 1	POPLAR GROVE	IL	61065
33-03-0712	FRANCIS SIMERL	RR 1	POPLAR GROVE	IL	61065

TABLE 9.--LIST OF HERD OWNERS (CONTINUED)

HERD CODE	NAME OF OWNER	STREET-ROUTE	TOWN	ADDRESS OF OWNER	ZIP-CODE	STATE
33-07-0171	GRAM AND SMITH	RR 1	CHAOWICK		61014	IL
33-07-0212	CLIFFORD L DURWARD	RR 1	THOMSON		61285	IL
33-07-0672	STAN & MARK REMREY & HAY	RR 3	MT CARROLL		61053	IL
33-07-0711	C ROBERT SIBLEY	R R 2	CHADWICK		61014	IL
33-07-0740	LOWELL TERHARK	RR	SHANNON		61078	IL
33-09-0001	AYRSHIRE HERD	UNIVERSITY OF ILL	URBANA		61801	IL
33-09-0002	GUERNSEY HERD	UNIVERSITY OF ILL	URBANA		61801	IL
33-09-0003	HOLSTEIN HERD	UNIVERSITY OF ILL	URBANA		61801	IL
33-09-0152	EDGAR BUSBOOM		THOMASBORO		61878	IL
33-09-0211	DON DEAN	RR 3	CHAMPAIGN		61820	IL
33-09-0352	RICHARD HARDY	RR 1	RANTOUL		61866	IL
33-09-0410	C LESLIE JAMES		MANSFIELD		61854	IL
33-10-0174	CLAVIN BROS	RR	ROSAMOND		62803	IL
33-10-0412	CLEO JOSTES	RR 1	ROSAMOND		62083	IL
33-10-0510	ROBERT MILLER	RR 1	DAWSON		62520	IL
33-11-0147	LUTHER F BROWN	R R 1	MARSHALL		62441	IL
33-11-0671	JAMES F RICHEY	RR 2	KANSAS		61933	IL
33-11-0810	JOHN VAN FLEET	RR 1	MARSHALL		62441	IL
33-13-0210	H VIRGIL DIEKEMPER	RR 4	CARLYLE		62231	IL
33-13-0273	FRIEND BROS	RR 4	CARLYLE		62231	IL
33-13-0340	JAMES E HEIMANN	RR 1	ALBERS		62215	IL
33-13-0344	EUGENE HUELSMAN	RR 1	BREESE		62230	IL
33-13-0351	JAMES D HUELS	1491 ABBOTT	CARLYLE		62231	IL
33-13-0410	LAVERNE JENNE	R R 5	CARLYLE		62231	IL
33-13-0512	ALPHONSE MUELLER	RR 2	GERMANTOWN		62245	IL
33-13-6677	JAMES G RICHTER	RICH LANE FARM	HIGHLAND		62249	IL
33-13-6843	BURNELL WEINHEIMER		HIGHLAND		62249	IL
33-14-0840	C A WALKER AND SON	RR 4	CHARLESTON		61920	IL
33-18-0143	S PETERSON AND SEXAUER		KINGSTON		60145	IL
33-18-0216	PAUL P DEUTSCH	RR 1	SYCAMORE		60178	IL
33-18-0277	FISK AND KEYS	RR 1	SYCAMORE		60178	IL
33-18-0346	WILLIAM HEGGEMEIER & SON	RR	KIRKLAND		60146	IL
33-18-0612	ROY W PARKER	RR 2	LOCKPORT		60441	IL
33-18-0676	WALTER RUSSELL	RR 1	WATERMAN		60556	IL
33-21-0171	CHILDWOOD FARM	R R 1	NAPERVILLE		60540	IL
33-21-0172	W F CLOW AND C A DURRAN	RR 1	PLAINFIELD		60544	IL
33-21-0345	HOLY GHOST CONVENT		TECHNY		60082	IL
33-21-0671	RUSEWOOD FARM	25 W 412 CENTRAL	ROSELLE		60172	IL
33-21-0672	ROLLING ACRES FARM	RR 1 BOX 244	ELGIN		60120	IL
33-21-0716	SOCIETY OF DIVINE WORD		TECHNY		60082	IL
33-24-0311	LAWRENCE GOECKNER & SONS	RR 2	DIETERICH		62424	IL
33-24-0410	JANSEN DAIRY FARM	310 SOUTH 4 TH STR	EFFINGHAM		62401	IL
33-24-0440	EVERETT KESSLER	MODE	MODE		62444	IL
33-24-0470	DALE B LOY		EFFINGHAM		62401	IL
33-24-0611	FRANKLIN PLATZ AND SONS		SIGEL		62462	IL

TABLE 9.--LIST OF HERD OWNERS (CONTINUED)

HERD CODE	NAME OF OWNER	STREET--ROUTE	ADDRESS OF OWNER TOWN	STATE
33-24-0673	CALVIN RUFF		STEWARDSON	IL
33-24-0712	JOHN SCHUMACHER		SIGEL	IL
33-24-0717	DON SIDDENS	RR 1	MASON	IL
33-24-0718	SPIPKER DAIRY FARM	RR 1	ALAMONT	IL
33-24-0841	FOSTER WALK AND SONS	RR 1	NEOGA	IL
33-24-0844	WOLFF HOLSTEIN FARM		MASON	IL
33-31-0140	FRED BENSON AND SONS	RR 1	MORRIS	IL
33-31-0356	ARTS FARM ATT MATHEWS	RR 1	MORRIS	IL
33-36-0142	ARTHUR BRUENS & SONS	R R 2	CISSNA PARK	IL
33-36-0511	ROBERT E MEYER		CRESCENT CITY	IL
33-36-0512	RICHARD MUEHLING		CISSNA PARK	IL
33-37-0210	LAVERN DIEZ		DE SOTO	IL
33-37-0510	FRED MCLAUGHLIN	R R 3	MURPHYSBORO	IL
33-38-0410	REUBEN JANSEN		TEUTOPOLIS	IL
33-38-0611	JOE PROBST	R R 1	WHEELER	IL
33-40-0712	LOUIS G STUMPE JR	RR 1	DOM	IL
33-41-0111	JACOB SCHIESS	RR 3	STOCKTON	IL
33-41-0170	HUMER AND RICHARD CURTIS	RR 2	STOCKTON	IL
33-41-0211	ELMER R DOUBLER AND SONS	RR 2	WARREN	IL
33-41-0270	ORA FRAZIER AND SON	RR 3	STOCKTON	IL
33-41-0510	W M MCFADDEN AND SON	RR 1	APPLE RIVER	IL
33-41-0540	RALPH NOLLER AND SONS	RR 1	STOCKTON	IL
33-41-0740	VINCENT AND JEAN TIMPE		GALENA	IL
33-41-0847	WILCA SPRING FARM		ELIZABETH	IL
33-41-0910	NORMAN YUNGBLUTH	RR 1	STOCKTON	IL
33-43-0155	MARION M & OSCAR BEHLING	1628 WESTERN AVE	GENEVA	IL
33-43-0211	DAR LEE FARM	RR 1	HAMPSHIRE	IL
33-43-0241	EMERALD TOP FARM	RR 2	HAMPSHIRE	IL
33-43-0351	WILBERT HEINRICH	RR 1	HAMPSHIRE	IL
33-43-0352	CLAYTON HOLCOMB	RR 1	MAPLE PARK	IL
33-43-0356	HARTMANN FARMS	RR 2	DUNDEE	IL
33-43-0417	JOHANNE JACOBSEN & SONS	RR 2	DUNDEE	IL
33-43-0472	OLSEN AND WANTZ	RR 1 BOX 643	WEST CHICAGO	IL
33-43-0511	MCQUEEN AND THOMPSON	RR 2 BOX 268	ELGIN	IL
33-43-0515	MOOSEHEART FARM		MOOSEHEART	IL
33-43-0574	UBERWEIS FARM	RR 1 MITCHEL ROAD	AURORA	IL
33-43-0616	ROMAN PGSANSKI	100 NORTH LASALLE	CHICAGO	IL
33-43-0712	ERLING SONJU	RR 1	HAMPSHIRE	IL
33-43-0722	LEONARD HAWKINS	STUNILLI FIRM BX 83	WASCO	IL
33-43-0724	RALPH SPRINGSGUTH	RR 2 BOX 149	MAPLE PARK	IL
33-43-0725	WARREN SCHURING	RR 2 BOX 198	ELGIN	IL
33-43-0842	HASKINS AND CHRISTENSEN	WHITE GATE FARM R2	ST CHARLES	IL
33-43-0844	GINTHER WILHARM	RR 3 BOX 41	ELGIN	IL
33-44-0310	GOODWIN BROS	RR 1	WILMINGTON	IL
33-44-0311	FRANK GOODWIN	RR 1	WILMINGTON	IL

TABLE 9.--LIST OF HERD OWNERS(CONTINUED)

HERD CODE	NAME OF OWNER	STREET--ROUTE	ADDRESS OF OWNER TOWN	ZIP--CODE	STATE
33-44-0514	CALVIN MEYER AND SON	R R 1	PEOTONE	60468	IL
33-44-0570	GILBERT OHM & SON	R R 2	GRANT PARK	60940	IL
33-44-0611	GEORGE PFEIFFER	R R 1	KANKAKEE	60901	IL
33-44-0673	LIONEL RUEL	RR 1	BOURBONNAIS	60914	IL
33-44-0711	DONALD SHIPP	RR 1	MANTENO	60950	IL
33-44-0725	DONALD STAUFFENBERG	RR	MANTENO	60950	IL
33-45-0110	ALVIN ANDERSON	RR 2	NEWARK	60541	IL
33-46-0312	ROSS GRIFFITH	RR 2	GALESBURG	61401	IL
33-46-0712	PERRY L. SERVEN AND SON	RR 1	ST AUGUSTINE	61474	IL
33-46-0714	A SNYDER & SONS		FARMINGTON	61531	IL
33-48-0713	WALTER & DAVID SNOOK	R R 2	OTTAWA	61350	IL
33-50-0524	ALFRED E MEYER	RR 1	AMBOY	61310	IL
33-51-0150	BARRON BROS	RFD 3	STREATOR	61364	IL
33-51-0443	FRED KYBURZ	RR	CHATSWORTH	60921	IL
33-51-0513	DAN MEISS	RR	FAIRBURY	61739	IL
33-51-9671	ROESCHLEY BROTHERS	RR 1	FLANAGAN	61740	IL
33-52-0673	HERBERT J ROGERS		EMDEN	62635	IL
33-52-0713	HUBERT STOLL		CHESTNUT	62518	IL
33-54-0141	CHARLES R. BIERBAUM	R R 3	LITCHFIELD	62056	IL
33-54-0440	KOMNICK BROTHERS		BUNKER HILL	62014	IL
33-54-0711	TRUMAN AND A. POCKLINGTON		SHIPMAN	62685	IL
33-54-0740	ALLEN AND BEVERLY TUCKER	RR 1	BRIGHTON	62012	IL
33-55-0145	HAROLD AND CARL BAUMANN	RR 2	HIGHLAND	62249	IL
33-55-0146	VERNON BECKER		MORO	62067	IL
33-55-0147	JIM BEANE	RR 1	GODFREY	62035	IL
33-55-0271	JOE AND EDWIN FESSLER	RR 1	DOW	62022	IL
33-55-0343	MILTON HITZ		HIGHLAND	62249	IL
33-55-0472	MARTIN LINENBROKER	R R 1	WORDEN	62097	IL
33-55-0510	EUGENE MEFFERT	RR 3	HIGHLAND	62249	IL
33-55-0610	O. JOHN PLOCHER	R R 2	POCAHONTAS	62275	IL
33-55-0718	LELAND STEINER	R R 1	HIGHLAND	62249	IL
33-55-0842	WILBERT WEIS	R R 2	POCAHONTAS	62275	IL
33-61-0114	PETER A. ARSENTY	RR 2 BOX 106	HARVARD	60033	IL
33-61-0123	ALLIED MILLS INC	PO BOX 459	LIBERTYVILLE	60048	IL
33-61-0124	ALFRED AMES	BOX 194	ZION	60099	IL
33-61-0219	WILLIAM DAVIDSON JR	FARM 2 RR3	HARVARD	60033	IL
33-61-0220	WM DAVIDSON & SONS	RR 3	HARVARD	60033	IL
33-61-0244	ELMWOOD FARMS INC	R2 BOX 2008 RD 173	ANTIACH	60002	IL
33-61-0278	CLARENCE J. FREUND	4312 N PIONEER RD	MCHENRY	60050	IL
33-61-0280	GEORGE AND MARION FRUIN	RR 1	HUNTLEY	60142	IL
33-61-0326	GOLDEN OAKS FARMS	RAND AND BONNER RD	WAUCONDA	60084	IL
33-61-0327	GELATIN CO FARM	RR 1 BOX 16 ROUT	GRAYS LAKE	60030	IL
33-61-1340	NORMAN E. HEINRICH	R2 7939 RIDGEFIELD	CRYSTAL LAKE	60014	IL
33-61-1341	ELMER R. HILL	RR 1 OLSON ROAD	UNION	60180	IL
33-61-0368	RON VOHS & EARL M. HUGHES	917 DIMMEL ROAD	WOODSTOCK	60098	IL

TABLE 9.--LIST OF HERD OWNERS (CONTINUED)

HERD CODE	NAME OF OWNER	STREET--ROUTE	TOWN	ADDRESS OF OWNER	ZIP--CODE	STATE
33-61-0414	LAWRENCE JOHNSON	10206 JOHNSON ROAD	HEBRON		60034	IL
33-61-0478	LOHMEYER BROS	16210 NELSON ROAD	WOODSTOCK		60098	IL
33-61-0510	MAR RAL FARM G J PAGE	RR1 BX63 HUNTLEY	ALGONQUIN		60102	IL
33-61-1512	ROBERT MILLER	R1 B26 SQUARE BARN	HUNTLEY		60142	IL
33-61-0513	MAYFAIR MANAGEMENT CO	35 E WACKER DR R33	CHICAGO 1		60601	IL
33-61-0541	RALPH NICHOLS AND SON	13811 NICHOLS ROAD	HEBRON		60034	IL
33-61-0610	HOWARD PERKINS	RR 1	SHARON		53585	WI
33-61-0640	QUAKER OATS CO	480 W HIGHWAY 22	BARRINGTON		60010	IL
33-61-0673	RUSSEL RUDOLPH	1418 ROUTE 173 RD	SPRING GROVE		60081	IL
33-61-0685	R HUNTER RAVENGLIN FARM	R2 B213A ROUTE 45	ANTIUCH		60002	IL
33-61-0686	RITEMAY DAIRY	1150 NORTH STATE S	CHICAGO		60610	IL
33-61-0687	WALTER J RONEY SR	R1 BX 54 GILMER RD	GRAYSLAKE		60030	IL
33-61-1731	DOUGLAS SHANKS	R2 B396 IVAN HOE	MUNDELEIN		60060	IL
33-61-0735	HAROLD STILLING	711 SOUTH ROUTE 31	MCHEERY		60050	IL
33-61-0812	LEONARD VEAR & TAUCHEN	R1 BX310 BUSSE RD	MARENGO		60152	IL
33-61-0814	VELSICOL RESEARCH FARM	2505 DEEP CUT ROAD	WOODSTOCK		60098	IL
33-61-0940	FRANK ZARNSTORFF JR	11117 ZARNSTORFF R	RICHMOND		60071	IL
33-62-0150	ROBERT BUTLER	R R 1	ARROWSMITH		61722	IL
33-62-9173	GERALD CLAUDON		CHENOA		61726	IL
33-62-0211	LOWELL DUERINGER AND SON		MELVIN		60952	IL
33-62-0413	BOBBY JOHNSON AND SONS	RR 2	CHENOA		61726	IL
33-62-0442	KRAUS AND MURPHY		CHENOA		61726	IL
33-62-0474	LAESCH BROS	RR 1	NORMAL		61761	IL
33-62-0519	FLOYD & WAYNE & L MOHR	RR 1	NORMAL		61761	IL
33-62-0522	MERLE UMEL MAPLE HILL	RR 2	SAYBROOK		61770	IL
33-62-0570	GLEN ORNS AND SONS	RR 1	SHIRLEY		61772	IL
33-62-0675	CLARENCE AND GORDON ROPP	RR 1	NORMAL		61761	IL
33-62-0733	ROBERT SCHWOERER & SONS	RR 4	BLOOMINGTON		61701	IL
33-62-0735	BURDELL SLAGELL AND SONS	RR 1	HUDSON		61748	IL
33-68-0370	CLYDE STIMPSON	R1 IL MASONIC HOME	SULLIVAN		61951	IL
33-68-0610	CLYDE PATTERSON	R R	SULLIVAN		61951	IL
33-69-0115	WAYNE & GLORIA ANDERSON	RR 1	MT MORRIS		61054	IL
33-69-0143	GEORGE BROWN AND SONS	RR 2	POLO		61064	IL
33-69-0271	HARVEY FLOTO & DAUGHTERS	RR 1	MT MORRIS		61054	IL
33-69-0272	C H TAYLOR AND FEAREK	RR 3	OREGON		61061	IL
33-69-0344	E H HUGHES SINNISSIPPI 3	RR 1	OREGON		61061	IL
33-69-0472	J LEARY UPLAND FARM NO 1		OREGON		61061	IL
33-69-0519	R B McLAUGHLIN	ROCK RIVER FARMS	BYRON		61010	IL
33-69-0740	E S THOMAS AND W C HARE	RR 3	POLO		61064	IL
33-69-0846	ART AND DENNIS WUBBENA	RR 1	FORRESTON		61030	IL
33-70-0673	KENNETH RIEKENA	RR 1	HANNA CITY		61536	IL
33-70-0770	LESLIE UNSICKER	RR 1	EDWARDS		61528	IL
33-77-0313	MELVIN GRAVES	R R 2	DUNDAS		62425	IL
33-77-0611	J C PIPER & SONS		SUMNER		62456	IL
33-78-0171	GUY CATLETT	RR 1	SHERRARD		61281	IL

TABLE 9.--LIST OF HERD OWNERS(CONTINUED)

HERD CODE	NAME OF OWNER	STREET--ROUTE	ADDRESS OF OWNER TOWN	ZIP--CODE	STATE
33-78-0210	KEITH DOONAN	RR 2	REYNOLDS	61279	IL
33-78-0720	LESTER R STONE	RR 1	EAST MOLINE	61244	IL
33-79-0345	KENNETH & JOANN HARTMANN	RR 4	WATERLOO	62298	IL
33-79-0470	LAUTENSCHLAGER BROTHERS	RR 1	MASCOUTAH	62258	IL
33-79-0540	CLEO NITZSCHE	RR 2	EVANSVILLE	62242	IL
33-85-0343	JOHN A HICKEY	R R 1	WYOMING	61491	IL
33-85-0710	DANA STEWART	RR	PRINCEVILLE	61559	IL
33-85-0810	CHARLES VERBAKER	R R 3	KENANEE	61443	IL
33-85-0843	RICHARD C WELLS		ANNAMAN	61234	IL
33-86-0110	WILLIAM ANGLE JR		DAKOTA	61018	IL
33-86-0141	RALPH BABLER	RR 1	DAKOTA	61018	IL
33-86-0146	FRED OBERT	R R 3	FREEMPORT	61032	IL
33-86-0151	RALPH BUSEKROS	RR 4	FREEMPORT	61032	IL
33-86-0153	JOHN E BABLER	RR1	ROCK CITY	61070	IL
33-86-0155	BOYD BOYER	BOX 79	KENT	61044	IL
33-86-0157	BONEBRIGHT & HUTMACHER	R R 4	FREEMPORT	61032	IL
33-86-0280	M FERNSTADT & BORCHERT	RR 3	FREEMPORT	61032	IL
33-86-0362	ELWOOD HULL	RR 1	ROCK CITY	61070	IL
33-86-0442	CARL R KELTNER	RR 3	PEARL CITY	61062	IL
33-86-0473	HENRY LILLGE JR	RICHLAND CREEK FAR	RED OAK	61066	IL
33-86-0510	ROBERT MARIAN	RR 1	ORANGEVILLE	61060	IL
33-86-0541	MERL NIEDERMEIER	RR 1	ROCK CITY	61070	IL
33-86-0574	GAYLON AND GARY OBERT	RR 1	DAKOTA	61018	IL
33-86-0612	VERNON & DAVE MACOMBER	RR 2	LENA	61048	IL
33-86-0614	HARRY PIEPER	RR 2	FREEMPORT	61032	IL
33-86-0730	ROBERT WILD		WINSLOW	61089	IL
33-86-0841	DONALD & MERRILL WELLING	RR 1	DAKOTA	61018	IL
33-86-0910	GLEN YEOMAN	RR 1	DAKOTA	61018	IL
33-87-0110	MELVIN ACKERMAN	RR 2	MORTON	61550	IL
33-87-0511	WARREN MILLER	RR 2	PEKIN	61554	IL
33-87-0615	ALVIN & GLENN PAPENHOUSE	RR 1	TREMONT	61568	IL
33-87-0711	LEROY SAUDER	RR 2	TREMONT	61568	IL
33-87-0717	J C SCHWEIGERT & SON	R R 1	TREMONT	61568	IL
33-87-0740	GOTHOLD TANNER	R R 1	MORTON	61550	IL
33-89-0170	HAROLD CUNDIFF	RR 1	GEORGETOWN	61846	IL
33-92-0143	GILBERT BIGHAM AND SONS	BOX 17	PINCKNEYVILLE	62274	IL
33-92-0471	EDDIE LACEY	RR 1	WALTONVILLE	62894	IL
33-92-0942	JOHN ZIMMERMAN		COULTERVILLE	62237	IL
33-95-0150	GENE BOGOTT & F ERISMAN	1903 11TH AVE	STERLING	61081	IL
33-95-0342	ELMER H HABEN	R R 2	MORRISON	61270	IL
33-95-0344	JOSEPH HEITZLER	R R 2	PROPHETSTOWN	61277	IL
33-95-0440	OSCAR E KOENIG		TAMPICO	61283	IL
33-95-0480	LEONARD LONG AND LONG	RR 1	STERLING	61081	IL
33-95-0670	BURCH AND WADE	RR 1	STERLING	61081	IL
33-96-0140	BERNARD BROS		MOKENA	60448	IL

TABLE 9.—LIST OF HERD OWNERS (CONTINUED)

HERD CODE	NAME OF OWNER	STREET-ROUTE	TOWN	ADDRESS OF OWNER	ZIP-CODE	STATE
33-96-0150	NORMAN BERNARD	RR 1	PEOTONE	PEOTONE	60468	IL
33-96-0153	BATTERMAN BROS	R R 1	CRETE	CRETE	60417	IL
33-96-0351	GLENN HOLMES		PEOTONE	PEOTONE	60468	IL
33-96-0352	KENNETH HEISNER		BEECHER	BEECHER	60401	IL
33-96-0519	RAY AND BETTY MULDERINK		BEECHER	BEECHER	60401	IL
33-96-0672	EDWIN RIEGEL	RR 2	MONEE	MONEE	60449	IL
33-96-0720	VERNON SIEMSEN AND SON	RR 2	PEOTONE	PEOTONE	60468	IL
33-96-0722	ROGER STOEVEN	RR 2	BEECHER	BEECHER	60401	IL
33-98-9170	W & W CARLSON	R R 1	WINNEBAGO	WINNEBAGO	61088	IL
33-98-0182	CHAMBRIC FARMS	RR 8 BOX 284	ROCKFORD	ROCKFORD	61100	IL
33-98-0530	R MCCULLOCH & R DONALDSON	RR 8 BOX 39	ROCKFORD	ROCKFORD	61100	IL
33-98-0548	R MCCULLOCH & ROGER WARD	RR 8 BOX 404	ROCKFORD	ROCKFORD	61100	IL
33-98-9613	PINEHURST FARM	BOX 167A	WINNEBAGO	WINNEBAGO	61088	IL
33-98-0615	PALMDALE FARM		EUREKA	EUREKA	61530	IL
33-99-0944	EARL ZIMMERMAN		OXFORD	OXFORD	53952	WI
35-01-0002	RAY E RODGER	THE RODGER ROOST	OXFORD	OXFORD	53952	WI
35-01-0010	STANLEY HUBER AND SON		FRIENDSHIP	FRIENDSHIP	53934	WI
35-01-0011	LEROY HEITMAN		FRIENDSHIP	FRIENDSHIP	53934	WI
35-01-0012	WAYNE JEFFERSON		WIS. DELLS	WIS. DELLS	53965	WI
35-01-0027	HOWARD OLP		CHETEK	CHETEK	54728	WI
35-03-0008	WAYNE AND JERRY MASSIE	BOX 131	BARRON	BARRON	54812	WI
35-03-0011	DAVID KAHL		CAMERON	CAMERON	54822	WI
35-03-0026	HERMAN A SEVERSON		CHETEK	CHETEK	54728	WI
35-03-0038	FREEMAN L HANSON		RICE LAKE	RICE LAKE	54868	WI
35-03-0051	KEN L & ROBERT G GONSKE		RICE LAKE	RICE LAKE	54868	WI
35-03-0053	HARLEY BARFKNECHT		DALLAS	DALLAS	54868	WI
35-03-0085	SCHUIZHOLM FARM		COMSTOCK	COMSTOCK	54733	WI
35-03-0112	MARVIN TORGERSON		CUMBERLAND	CUMBERLAND	54826	WI
35-03-0124	MARVIN PAULSON		CLAYTON	CLAYTON	54829	WI
35-03-0133	WALTER ZEMKE		CLAYTON	CLAYTON	54004	WI
35-03-0163	KENNETH H PETERSON	ROUTE 2 BOX 148	CLAYTON	CLAYTON	54004	WI
35-03-0340	CLARENCE POULTER	ROUTE 1	CUMBERLAND	CUMBERLAND	54829	WI
35-03-0345	FRED A GEHLER	ROUTE 1	CAMERON	CAMERON	54822	WI
35-03-0350	WALTER STARKEY	ROUTE 4	RICE LAKE	RICE LAKE	54868	WI
35-05-0004	JULIAN ROMUALD	ROUTE 1	NEW FRANKEN	NEW FRANKEN	54229	WI
35-05-0008	ED & DON ZITLOW	ROUTE 1	W DE PERE	W DE PERE	54178	WI
35-05-0030	RICHARD DUQUAINE	ROUTE 1	NEW FRANKEN	NEW FRANKEN	54229	WI
35-05-0032	BROWN CO HOSPITAL	1320 MAHONE AVE	GREEN BAY	GREEN BAY	54301	WI
35-05-0040	GERHARDT KIEKHAEFER	ROUTE 2	GREENLEAF	GREENLEAF	54126	WI
35-05-0047	AMOS NATZKE & SONS	ROUTE 2	GREENLEAF	GREENLEAF	54126	WI
35-05-0061	JOHN TAUSCHER	ROUTE 5	GREEN BAY	GREEN BAY	54305	WI
35-05-0062	WALLACE DUFEL	ROUTE 1	NEW FRANKEN	NEW FRANKEN	54229	WI
35-05-0063	M E DAVIS JR	868 E ST	DE PERE	DE PERE	54115	WI
35-05-0066	AL & RALPH BAUMGART	ROUTE 2	DE PERE	DE PERE	54115	WI
35-05-0069	ELMER SMITS	ROUTE 1	ONEIDA	ONEIDA	54155	WI

TABLE 9.--LIST OF HERD OWNERS(CONTINUED)

HERD CODE	NAME OF OWNER	STREET-ROUTE	TOWN	ZIP-CODE	STATE
35-05-0079	FRANK BIALOZYNSKI	ROUTE 3	PULASKI	54162	WI
35-05-0081	ARNOLD RONK	ROUTE 3	DENMARK	54208	WI
35-05-0086	EARL BRITTNACHER	ROUTE 1	GREENLEAF	54126	WI
35-05-0091	TOM DINY	ROUTE 1	GREENLEAF	54126	WI
35-06-0002	BOLLINGER & HAEUSER		COCHRANE	54622	WI
35-06-0022	J J ROSENOW		COCHRANE	54622	WI
35-06-0035	LE ROY ROTHERING		ALMA	54610	WI
35-06-0149	BERNARD SCHMIDTKECHT	ROUTE 4	MONDOVI	54755	WI
35-08-0013	JOSEPH KEULER	ROUTE 2	KIEL	53042	WI
35-08-0014	JOSEPH H JUCKEM JR	ROUTE 1	CHILTON	53014	WI
35-08-0020	KEULER FARMS	REUBEN KEULER RT 2	CHILTON	53014	WI
35-08-0021	JOHN W BEHNKE	ROUTE 1	HILBERT	54129	WI
35-08-0025	SYLVESTER WAGNER	ROUTE 3	CHILTON	53014	WI
35-08-0027	LEONARD WOELFEL	ROUTE 1	HILBERT	54129	WI
35-08-0033	ELDER GILBERTSON	ROUTE 3	KAUKAUNA	54130	WI
35-08-0035	JOSEPH M MIRSBERGER	ROUTE 2	HILBERT	54129	WI
35-08-0037	LESLIE SCHNELL	ROUTE 2	HILBERT	54129	WI
35-08-0041	CLARENCE KOERTH	ROUTE 1	BRILLION	54110	WI
35-08-0043	DONALD SCHNELL	ROUTE 1	BRILLION	54110	WI
35-08-0045	REUBEN OTT AND SONS	ROUTE 2	HILBERT	54129	WI
35-08-0048	WALTER J SCHNEIDER	ROUTE 2	KIEL	53042	WI
35-08-0050	HENRY JUCKEM	ROUTE 1	HILBERT	54129	WI
35-08-0071	ELMER PILLING	ROUTE 1	CHILTON	53014	WI
35-08-0076	WILLIAM SCHOLZ	ROUTE 1	HILBERT	54129	WI
35-08-0086	RAPHAEL A GEIGER	ROUTE 1	BRILLION	54110	WI
35-08-0096	VAN TREEK BROS	ROUTE 3	KAUKAUNA	54130	WI
35-08-0103	BERNARD F GEISER	ROUTE 4	CHILTON	53014	WI
35-08-0104	RALPH HUEBNER & SONS	ROUTE 1	BRILLION	54110	WI
35-09-0004	LARRY SOLBERG	ROUTE 2	ELK MOUND	54739	WI
35-09-0007	CLOVER BELT FARM		JIM FALLS	54748	WI
35-09-0010	NO. WIS COL & TRG SCH		CHIPPewa FLS		WI
35-09-0011	HOWARD WEBER	ROUTE 1	BLOOMER	54729	WI
35-09-0033	CHIPPewa CO HOSPITAL	BOX 68	CHIPPewa FLS	54729	WI
35-09-0035	ARNOLD BUCKNER	ROUTE 2	BLOOMER	54724	WI
35-09-0041	ROY SAMPLAWSKI	ROUTE 1	STANLEY	54768	WI
35-09-0045	WILLIAM WEBER	ROUTE 1	BLOOMER	54724	WI
35-09-0049	STANLEY VDECKS	ROUTE 2	CADOTT	54727	WI
35-09-0054	WAYNE DANIELSON	ROUTE 1	CADOTT	54727	WI
35-09-0058	PAUL GOLLER	ROUTE 2	CORNELL	54732	WI
35-09-0067	HOWARD ROYCRAFT JR	ROUTE 4 BOX 362	CHIPPewa FLS	54729	WI
35-09-0078	HARLAND DANIELSON	ROUTE 1	CADOTT	54727	WI
35-09-0079	BERNARD DANIELSON	ROUTE 1	CADOTT	54727	WI
35-10-0005	LOUIS DUX	DUXDALE FARM	NEILLSVILLE	54456	WI
35-10-0017	SELZ FARM		HUMBIRD	54746	WI
35-10-0029	KEITH & DAWN STUMP	DISTINCTION FMS	GREENWOOD	54437	WI

TABLE 9.--LIST OF HERD OWNERS (CONTINUED)

HERD CODE	NAME OF OWNER	STREET-ROUTE	TOWN	ADDRESS OF OWNER	ZIP-CODE	STATE
35-10-0037	CLARK COUNTY HOSPITAL	CLARK CO	OWEN		54460	WI
35-10-0044	ALLEN HUBBARD		THORP		54771	WI
35-10-0055	OTTO AND DARREL HORN	ROUTE 3	GREENWOOD		54437	WI
35-10-0057	ART GADDIS & SONS	VALU Ayr FARM	WITHEE		54498	WI
35-11-0001	HAROLD COBBS		LODI		53555	WI
35-11-0011	LEONARD SENNHENN	ROUTE 3	COLUMBUS		53925	WI
35-11-0027	AUSTIN AND SCHULTZ	ROUTE 3	COLUMBUS		53925	WI
35-11-0033	CARL LEWKE	ROUTE 3	COLUMBUS		53925	WI
35-11-0038	GENE ROCHE		RIO		53960	WI
35-11-0040	WIS ACADEMY FARM		COLUMBUS		53925	WI
35-11-0042	GUSTAVE A GAUMITZ		FALL RIVER		53932	WI
35-11-0044	PREMIUM FARMS F & B	ROUTE 1	FALL RIVER		53932	WI
35-11-0045	REUBEN DAMM AND SON		COLUMBUS		53925	WI
35-11-0047	DON AND ART WEINER	ROUTE 3	COLUMBUS		53925	WI
35-11-0048	ELMER WEILAND & SONS		COLUMBUS		53925	WI
35-11-0070	DEAN R WALKER	ROUTE 3	WIS. DELLS		53965	WI
35-11-0197	W TESSMAN @ W TESSMAN	FARM NO 1	CAMBRIA		53923	WI
35-11-0198	H TESSMAN @ W TESSMAN	FARM NO 2	CAMBRIA		53923	WI
35-11-0207	BRUCE WILLIAMS	ROUTE 2	RANDOLPH		53956	WI
35-11-0208	CARL HARTWIG		DALTON		53926	WI
35-12-0003	C H KRONING AND SONS	ROUTE 3	SOLDIERS GRV		54655	WI
35-12-0007	AHRENS DAIRY FARM	BOX 150	PR DU CHIEN		53821	WI
35-12-0009	DON WALTERS	ROUTE 1	PR DU CHIEN		53821	WI
35-12-0027	KAY GARVEY		EASTMAN		54626	WI
35-12-0048	DONALD JOHNSRUDE		SOLDIERS GRV		54655	WI
35-13-0037	ALFRED KELLER	3000 FSH HTCHRY	MADISON 5		53713	WI
35-13-0048	MAURICE E COOPER		DE FOREST		53532	WI
35-13-0051	DAVID MELL	ROUTE 2	WAUNAKEE		53597	WI
35-13-0053	CONRAD BELDA		DE FOREST		53532	WI
35-13-0058	TED WADDELL		MARSHALL		53559	WI
35-13-0062	CHARLES DETERT JR		MARSHALL		53559	WI
35-13-0072	FRANK WITTNER & SONS	ROUTE 2	VERONA		53593	WI
35-13-0094	OREGON STATE FARM		OREGON		53575	WI
35-13-0102	GERALD J RAEMISCH		WAUNAKEE		53597	WI
35-13-0103	IRA R SISK		VERONA		53593	WI
35-13-0106	JOHN HAMILTON	ROUTE 2	VERONA		53593	WI
35-13-0113	KENNY HERFEL	ROUTE 1	VERONA		53593	WI
35-13-0116	BROKISH & EGRE	ROUTE 1	DE FOREST		53532	WI
35-13-0130	LINTVEDT BRUS.	ROUTE 1	EDGERTON		53534	WI
35-13-0131	KENNETH LAUFENBERG	ROUTE 2	WAUNAKEE		53597	WI
35-13-0295	MR ROBERT GUST	ROUTE 2	VERONA		53593	WI
35-13-0296	CLIFFORD GUST	ROUTE 2	VERONA		53593	WI
35-13-0297	KARL WILD	ROUTE 1	BELLEVILLE		53508	WI
35-13-0298	RUSSELL KAHL		VERONA		53593	WI
35-13-0320	UNIV OF WISCONSIN	DAIRY CATTLE CENTE	MADISON 6		53706	WI

TABLE 9.--LIST OF HERD OWNERS(CONTINUED)

HERD CODE	NAME OF OWNER	STREET--ROUTE	TOWN	ADDRESS OF OWNER	ZIP--CODE	STATE
35-13-0321	UNIV OF WISCONSIN	DAIRY CATTLE CENTE	MADISON 6		53706	WI
35-13-0324	MERLIN A VOSS	% ROBERT WIPPERFUR	VERONA		53593	WI
35-13-0328	KAR BO FARM		MAZOMANIE		53560	WI
35-13-0329	BLACK HAVEN FARM		MAZOMANIE		53560	WI
35-13-0330	W MATER & D FESTGE		CROSS PLNS		53528	WI
35-14-0041	BURTON WILLIAMS	ROUTE 5	WATERTOWN		53094	WI
35-14-0053	EDWARD R BOETCHER	ROUTE 1	WATERLOO		53594	WI
35-14-0057	ERWIN BUSS	ROUTE 1	WATERLOO		53594	WI
35-14-0092	ELSMER F BERG	ROUTE 1 BOX 228	BROWNSVILLE		53006	WI
35-14-0096	WILLARD NEHLS FARM 1	ROUTE 2	JUNEAU		53039	WI
35-14-0101	ALBERT @ WES PADE		LOMIRA		53048	WI
35-14-0106	LORENZ PAGEL	ROUTE 1	JUNEAU		53039	WI
35-14-0116	R A SCHWANTES	WEST SIDE FARM	HORICON		53032	WI
35-14-0123	LESTER PAUTZ	ROUTE 1	HORICON		53032	WI
35-14-0145	MAYLAND KRUG	ROUTE 1	BROWNSVILLE		53006	WI
35-14-0157	ARMIN ZASTROW	ROUTE 6	WATERTOWN		53094	WI
35-14-0166	LAUREN VANDE ZANDE		WAUPUN		53963	WI
35-14-0169	HARVEY PAUTZ	ROUTE 2	JUNEAU		53039	WI
35-14-0174	RUDOLPH BAUER	ROUTE 1	BROWNSVILLE		53006	WI
35-14-0186	SYLVESTER CLAAS	ROUTE 1	WATERTOWN		53094	WI
35-14-0191	GERALD MUEHLIUS	ROUTE 1	LOMIRA		53048	WI
35-14-0197	GENE HILDEBRANDT	ROUTE 2	JUNEAU		53039	WI
35-14-0200	RUBEN LAU		LOMIRA		53048	WI
35-14-0203	LESTER BICKEL		REESEVILLE		53579	WI
35-14-0204	HENRY SCHNITZLER	ROUTE 1	THERESA		53091	WI
35-14-0215	GORDON EVERSUN	ROUTE 1	WATERLOO		53594	WI
35-14-0216	WILLARD NEHLS FM 4	ROUTE 1	JUNEAU		53039	WI
35-14-0220	ARLEN SCHELLPEFFER	ROUTE 1	HORICON		53032	WI
35-14-0224	LAWRENCE @ D BELLING	ROUTE 1	LOMIRA		53048	WI
35-14-0240	LARRY T EBERLE	ROUTE 1	WATERTOWN		53094	WI
35-14-0241	WENDORF BROS	ROUTE 1	NEOSHO		53059	WI
35-14-0406	LESTER GRIEPENTROG	ROUTE 1	THERESA		53091	WI
35-14-0471	WIS CORRECTIONAL INST.	BOX 147	FOX LAKE		53933	WI
35-14-0476	GARVIN PICKHARD	ROUTE 1	NEOSHO		53059	WI
35-15-0064	BYRON FEHL	ROUTE 1	STURGEON BAY		54235	WI
35-15-0017	WILFRED VANDERTIE	ROUTE 6	BRUSSELS		54204	WI
35-15-0018	RICHARD ROZEK	ROUTE 5	STURGEON BAY		54235	WI
35-15-0023	DONALD OLSON	ROUTE 5	STURGEON BAY		54235	WI
35-15-0024	ERVIN JADIN	ROUTE 5	BRUSSELS		54204	WI
35-15-0025	HUGH BIRDSALL	ROUTE 5	STURGEON BAY		54235	WI
35-15-0026	DONALD KINNARD	ROUTE 5	BRUSSELS		54204	WI
35-15-0030	WALDO STUTH	ROUTE 1	STURGEON BAY		54235	WI
35-15-0031	JOSEPH KUEHN		EGG HARBOR		54209	WI
35-15-0033	NORMAN MAUTIER		BRUSSELS		54204	WI
35-15-0037	NELSON JENQUIN		BRUSSELS		54204	WI

TABLE 9.--LIST OF HERD OWNERS (CONTINUED)

HERD CODE	NAME OF OWNER	STREET-ROUTE	ADDRESS OF OWNER TOWN	ZIP-CODE	STATE
35-15-0038	HENRY FELHOFFER	ROUTE 1	STURGEON BAY	54235	WI
35-15-0095	ROBERT J DELORIT	ROUTE 1	FORESTVILLE	54213	WI
35-17-0006	NURVAL & WALLACE EFFELSO		DALLAS	54733	WI
35-17-0009	ELMER B CHRISTIANSON	ROUTE 1	MEMONONIE	54751	WI
35-17-0016	R & V LECANDER	ROUTE 2	SPG VALLEY	54767	WI
35-17-0031	ALVIN & GLEN QUILLING	ROUTE 1	ELK MOUND	54739	WI
35-17-0033	RICHARD QUILLING	ROUTE 1	ELK MOUND	54739	WI
35-17-0050	HARRY DIX AND SON	ROUTE 2	MEMONONIE	54751	WI
35-17-0051	GRANT STYER		KNAPP	54749	WI
35-17-0055	CLIFFURD & EDGAR RANNEY	ROUTE 1	BOYCEVILLE	54725	WI
35-17-0060	NEIL GOVIN	ROUTE 2	MEMONONIE	54751	WI
35-17-0062	WILLIAM MYERS FARM 1	ROUTE 2	COLFAX	54730	WI
35-17-0069	RICHARD A DALE	ROUTE 2	MEMONONIE	54751	WI
35-17-0071	WILLIAM PALMER & SON	ROUTE 1	MEMONONIE	54751	WI
35-17-0089	WILLIAM A MILLER	ROUTE 3	MEMONONIE	54751	WI
35-18-0012	EAU CLAIRE CO HOSP	ROUTE 2	EAU CLAIRE	54701	WI
35-20-0021	LUKE POPP	ROUTE 1	HALONE	53049	WI
35-20-0076	EARL HAMMEN	ROUTE 3	RIPON	54971	WI
35-20-0085	FOND DU LAC CO HOSP	ROUTE 2	FOND DU LAC	54935	WI
35-20-0088	ROBERT A BIRD	ROUTE 1	BROWNSVILLE	53006	WI
35-20-0102	KENNETH RHEIN	ROUTE 1	BROWNSVILLE	53006	WI
35-20-0110	RAY ARNDT FRM 1	ROUTE 1	EDEN	53019	WI
35-20-0112	CLARENCE SHERIDAN	ROUTE 3	FOND DU LAC	54935	WI
35-20-0117	HABECK BROS	ROUTE 1	EDEN	53019	WI
35-20-0119	ERWIN BEILKE	ROUTE 1	FAIRWATER	53931	WI
35-20-0158	LEANDER SIPPEL	ROUTE 1	MT CALVARY	53057	WI
35-20-0162	PETERS & TITEL	ROUTE 4	FOND DU LAC	54935	WI
35-20-0164	AL & DICK PHILIPSKY	ROUTE 1	OAKFIELD	53065	WI
35-20-0183	NORBERT SCHRAUFNAGEL	ROUTE 1	ELDORADO	54932	WI
35-20-0190	CLARENCE BOYKE	ROUTE 3	FOND DU LAC	54935	WI
35-20-0205	DANIEL LAMB	ROUTE 1	BROWNSVILLE	53006	WI
35-20-0206	ROBERT AND LEO TWOHIG	ROUTE 1	ST. CLOUD	53079	WI
35-20-0208	JUNALD RICKERT	ROUTE 1	ELDORADO	54932	WI
35-20-0209	DAVID ROSE	ROUTE 1	EDEN	53019	WI
35-20-0216	ALFRED & RICHARD ZINKE		SOUTH BYRON	53087	WI
35-20-0219	R BLIEFNICK & NEITMAN	ROUTE 2	WAUPUN	53963	WI
35-20-0232	HAROLD HODORFF	ROUTE 1	EDEN	53019	WI
35-20-0236	LYLE LINDEMAN	ROUTE 1	BRANDON	53919	WI
35-20-0253	PAUL RUEDINGER	ROUTE 1	VANDYNE	54979	WI
35-20-0254	CARL RUSCH	ROUTE 1	PICKETT	54964	WI
35-20-0258	FRANCIS P BEBOW	ROUTE 3	FOND DU LAC	54935	WI
35-20-0263	ELMER HEIMERMANN	ROUTE 1	CAMPBELLSPT	53010	WI
35-20-0264	VICTOR STEFFES		ST. CLOUD	53079	WI
35-20-0270	KENNETH NARGES	ROUTE 1	EDEN	53019	WI
35-20-0277	ARNOLD H TREPTOW	ROUTE 2	FOND DU LAC	54935	WI

TABLE 9.--LIST OF HERD OWNERS(CONTINUED)

HERD CODE	NAME OF OWNER	STREET-ROUTE	ADDRESS OF OWNER TOWN	ZIP-CODE	STATE
35-20-0280	JAMES WINKLER	ROUTE 1	ST. CLOUD	53079	WI
35-20-0437	WAYNE TAVS	ROUTE 1	BRANDON	53919	WI
35-22-0026	CHAS FINN	ROUTE 2	PR DU CHIEN	53821	WI
35-22-0047	SCHNEIDER AND JOHLL		CUBA CITY	53807	WI
35-22-0050	FLOYD MONROE	ROUTE 2	FENNIMORE	53809	WI
35-22-0052	LYNN & WAYNE CARNS		PLATTEVILLE	53818	WI
35-22-0056	KENNETH FRANKENHOFF		BOSCOBEL	53805	WI
35-22-0060	LERROY MALLAT		BOSCOBEL	53805	WI
35-22-0061	CARROLL MALLAT	ROUTE 2	BOSCOBEL	53805	WI
35-22-0065	KEITH & MAURICE NICHOLS		MT HOPE	53816	WI
35-22-0066	MARK NICHOLS		MT HOPE	53816	WI
35-22-0068	EARL CURTIS & SONS		CUBA CITY	53807	WI
35-22-0069	BILL HARPER	ROUTE 3	LANCASTER	53813	WI
35-22-0072	GERALD MOON		PLATTEVILLE	53818	WI
35-22-0308	THOMAS J HARVEY JR		HAZEL GREEN	53811	WI
35-22-0309	DONALD D. TEMPERLY		HAZEL GREEN	53811	WI
35-23-0008	DONALD MOE	ROUTE 1	MONROE	53566	WI
35-23-0012	LAURENCE SALESMAN	ROUTE 1	ARGYLE	53504	WI
35-23-0022	WALTER STRIEFF & SON		NEW GLARUS	53574	WI
35-23-0024	RICHARD HORN	ROUTE 2	MONTICELLO	53570	WI
35-23-0029	ARTHUR BARTLETT & SON	RT 1	MONROE	53566	WI
35-23-0032	KENNETH HARTWIG	RT 1	MONROE	53566	WI
35-23-0034	CARL @ KENNETH WYSS	ROUTE 4	MONROE	53566	WI
35-23-0036	THEODORE RAHBERGER	ROUTE 2	MONROE	53566	WI
35-23-0037	ROBERT NEWMAN	ROUTE 1	JUDA	53550	WI
35-23-0038	VOEGELI FARM INC	H & J VOEGELI	MONTICELLO	53570	WI
35-23-0039	DONALD TIMM	ROUTE 3	MONROE	53566	WI
35-23-0040	PERMIN GRABER @ SONS		MONTICELLO	53570	WI
35-23-0041	A @ ROGER STAUFFACHER	ROUTE 4	MONROE	53566	WI
35-23-0046	JOHN RUF1 & SON	ROUTE 2	MONROE	53566	WI
35-23-0047	P AND W BAUMGARTNER	ROUTE 2	MONROE	53566	WI
35-23-0048	HERB HUFFMAN	ROUTE 1	MONROE	53566	WI
35-23-0052	ED OLIVER		ALBANY	53502	WI
35-23-0054	OLIVER MILLER	ROUTE 2	BRODHEAD	53520	WI
35-23-0056	ROBERT RIEDER	ROUTE 4	MONROE	53566	WI
35-23-0063	DR. N. E. BEAR	SUGAR VALLEY FARM	BRODHEAD	53520	WI
35-23-0074	RALPH KUBLY		MONTICELLO	53570	WI
35-23-0075	GEORGE @ C KENNETH NORTO	ROUTE 2	MONROE	53566	WI
35-23-0076	DANIEL F WYSS	ROUTE 1	MONROE	53566	WI
35-23-0084	VERLEN J EBERLE		JUDA	53550	WI
35-23-0094	MEYTHALER COLD-SPRGS FM	P R 4	MONROE	53566	WI
35-23-0097	RUGER OLSUN & M J CONDCN	ROUTE 1	BRODHEAD	53520	WI
35-23-0099	DELBERT SOODY		BROWNTOWN	53522	WI
35-23-0103	HOWARD KEEHN		BROOKLYN	53521	WI
35-23-0109	JULIUS @ ANDREW HARTWIG		MONROE	53566	WI

TABLE 9.--LIST OF HERD OWNERS (CONTINUED)

HERD CODE	NAME OF OWNER	STREET-ROUTE	TOWN	ZIP-CODE	STATE
35-23-0169	PAUL ELMER JR	ROUTE 1	BROOKLYN	53521	WI
35-23-0170	THORVALD OLSON & SON	ROUTE 1	ALBANY	53502	WI
35-24-0024	ARDEN HENSLIN	ROUTE 2	MARKESAN	53946	WI
35-24-0042	CLARENCE H WEGNER		MARKESAN	53946	WI
35-24-0058	ROGER LADWIG		GREEN LAKE	54941	WI
35-24-0064	HAROLD JAMES	ROUTE 2	BERLIN	54923	WI
35-24-0071	RONALD BREWER	ROUTE 1	GREEN LAKE	54941	WI
35-25-0019	BURT MC KENZIE		HOLLANDALE	53544	WI
35-25-0020	RICHARD B GORDEE		HOLLANDALE	53544	WI
35-25-0022	ARNESON AG CR CORP		BARNEVELD	53507	WI
35-25-0025	HARLAND THOMPSON		BARNEVELD	53507	WI
35-25-0026	RAY THOMPSON		BARNEVELD	53507	WI
35-25-0030	KAY L PETERSON		BLUE MOUNDS	53517	WI
35-25-0045	R G CRETNEY	PHEASANT RUN FARMS	DODGEVILLE	53533	WI
35-25-0049	R DAUCK & H THOMPSON		BARNEVELD	53507	WI
35-25-0056	ADOLPH & LEROY ABPLANALP		ARENA	53503	WI
35-25-0073	ERNEST & L JOHNSON		COBB	53526	WI
35-27-0012	GEARING BROTHERS		ALMA CENTER	54611	WI
35-27-0017	NURMAN JOHNSON		BLK RIVR FLS	54615	WI
35-27-0023	D HOFFMAN & L LARSON		ALMA CENTER	54611	WI
35-27-0047	ROBERT W GALSTER	ROUTE 2 BOX 105	ALMA CENTER	54611	WI
35-28-0002	CRAIG BEANE	ROUTE 1	FT ATKINSON	53538	WI
35-28-0004	WARD BROTHERS	ROUTE 1	FT ATKINSON	53538	WI
35-28-0013	LENZ BROS.	C/3 ROGER LENZ ROU	LAKE MILLS	53551	WI
35-28-0015	JEFFERSON COUNTY FARM		JEFFERSON	53549	WI
35-28-0016	HOARDS DAIRYMAN FARM	ROUTE 1	FT ATKINSON	53538	WI
35-28-0017	NORMAN E MAGNUSSEN	ROUTE 1 NORVIC	LAKE MILLS	53551	WI
35-28-0024	NEIL OESTREICH	ROUTE 1	FT ATKINSON	53538	WI
35-28-0036	ERVIN WAPPLER AND SON	ROUTE 1	SULLIVAN	53178	WI
35-28-0038	ROY HAAS	ROUTE 1	JEFFERSON	53549	WI
35-28-0039	ST COLETTA SCHOOL	ROUTE 1	JEFFERSON	53549	WI
35-28-0040	CHAPEL HILL FARM		IXONIA	53036	WI
35-28-0042	KRULL FARMS		LAKE MILLS	53551	WI
35-28-0043	PIPER BROTHERS	P O BOX 50	WATERTOWN	53094	WI
35-28-0044	UNIV OF WISCONSIN	E BLAINE JR EXP	LAKE MILLS	53551	WI
35-28-0051	LUNDT BROS	ROUTE 2	HELENVILLE	53137	WI
35-28-0060	MORRIS R BRADLEY	ROUTE 1	FT ATKINSON	53538	WI
35-28-0061	S T MENZ	ROUTE 1	LAKE MILLS	53551	WI
35-28-0063	C PREUNINGER AND SONS	ROUTE 1	FT ATKINSON	53538	WI
35-28-0079	EUGENE HASEL	ROUTE 1	LAKE MILLS	53551	WI
35-28-0083	BETHESDA LUTHERAN HOME	P.O. BOX	WATERTOWN	53094	WI
35-28-0089	WILBERT BETSCHLER	ROUTE 1	HELENVILLE	53137	WI
35-28-0091	DEAN MC DONALD & SONS	ROUTE 6	WATERTOWN	53094	WI
35-28-0092	BATTIST FARMS	ROUTE 2	WATERLOO	53594	WI
35-28-0099	MERLIN KROPP	ROUTE 4	WATERTOWN	53094	WI

TABLE 9.--LIST OF HERD OWNERS (CONTINUED)

HERD CODE	NAME OF OWNER	STREET-ROUTE	ADDRESS OF OWNER TOWN	ZIP-CODE	STATE
35-28-0102	WM EHRKE	ROUTE 1	FT ATKINSON	53538	WI
35-28-0103	GLEN SCHWEMMER	ROUTE 3	FT ATKINSON	53538	WI
35-28-0117	LLOYD HOLTERMAN	ROUTE 3	WATERTOWN	53094	WI
35-28-0125	ARTHUR W KLEITKE		HELENVILLE	53137	WI
35-28-0285	FRANCIS COOPER	ROUTE 3	WHITEWATER	53190	WI
35-29-0002	LOUIS BRUX @ SON	ROUTE 1	MAUSTON	53948	WI
35-29-0018	BARRETT BROS		CAMP DOUGLAS	54618	WI
35-29-0024	CLAYTON THOMPSON		ELROY	53929	WI
35-29-0024	ARTHUR FRANK & SON		MAUSTON	53948	WI
35-29-0035	PETER SIMON	RURAL ROUTE	LYNDON STA	53944	WI
35-30-0005	CLAUDE EPPING	ROUTE 2 BOX 70	SALEM	53168	WI
35-30-0019	DR HERBERT LOTHE	BOX 96	BRISTOL	53104	WI
35-30-0028	WALDO @ EMERY	ROUTE 2 BOX 645	KENDOSHA	53140	WI
35-30-0030	ELMER BARTHEL	ROUTE 2 BOX 336	SALEM	53168	WI
35-30-0035	ROGER SHERMAN	BOX 141	WILMOT	53192	WI
35-30-0038	GLENN TRUAX	ROUTE 1 BOX 148	BRISTOL	53104	WI
35-30-0048	GUST TESCH	ROUTE 4 BOX 216	BURLINGTON	53105	WI
35-30-0054	OAK HOLLOW FARM	ROUTE 1	GENDA CITY	53128	WI
35-30-0059	CLAUSEN BROS	ROUTE 2 BOX 404	KENDOSHA	53140	WI
35-30-0065	THOMAS KRUEGER @ SON	ROUTE 5 BOX 398	BURLINGTON	53105	WI
35-30-0070	NURMAN @ WALTER KERKMAN	ROUTE 4 BOX 366	BURLINGTON	53105	WI
35-31-0010	JOHN @ MIKE SEVCIK	ROUTE 2	KEAUWNEE	54216	WI
35-31-0021	ROYAL LUEDTKE @ SONS	ROUTE 1	ALGOMA	54201	WI
35-31-0022	GEORGE TULACHKA	ROUTE 1	TWO RIVERS	54241	WI
35-31-0024	FLOYD HANAMANN	ROUTE 1	ALGOMA	54201	WI
35-31-0028	VERNE DEPAS		CASCO	54205	WI
35-31-0030	KEN @ JOHN @ LYLE SIEGMUND	ROUTE 1	KEAUWNEE	54216	WI
35-31-0032	ROBERT J LEVY	ROUTE 1	KEAUWNEE	54216	WI
35-32-0024	NORBERT NUTTLEMAN		WEST SALEM	54669	WI
35-32-0025	BERNARD PRALLE		ONALASKA	54650	WI
35-32-0028	SIGURD GUNDERSON	MELBOURNE MOE	WEST SALEM	54669	WI
35-32-0031	WAYNE HOOD	KAYBUD FARM	BANGOR	54614	WI
35-32-0035	E SWARTHOUT @ BERT BROWN		WEST SALEM	54669	WI
35-32-0037	BERNARD TIMM		HOLMEN	54636	WI
35-32-0038	LA CROSSE CO HOSPITAL		WEST SALEM	54669	WI
35-32-0040	MIENKING BROS		BANGOR	54614	WI
35-32-0041	K SKEMP & G WENDORF	515ST BANK BLDG	LA CROSSE	54601	WI
35-32-0042	EARL PRALLE	ROUTE 2	BANGOR	54614	WI
35-32-0044	DONALD TROCINSKI		HOLMEN	54636	WI
35-33-0007	WIS STATE UNIVERSITY FM	JOHN MC NETT	PLATTEVILLE	53818	WI
35-33-0030	A ANDREWS - SAALSAA BROS		SOUTH WAYNE	53587	WI
35-33-0032	EASTWOOD BROTHERS		ARGYLE	53504	WI
35-33-0102	ROY VOIGTS @ SONS	ROUTE 1	BELMONT	53510	WI
35-33-0112	WILLIAM JOE BUSS		PLATTEVILLE	53818	WI
35-34-0005	DOUGLAS WASHATKO	ROUTE 1	ANTIGO	54409	WI

TABLE 9.--LIST OF HERD OWNERS(CONTINUED)

HERD CODE	NAME OF OWNER	STREET--ROUTE	ADDRESS OF TOWN	OWNER	ZIP-CODE	STATE
35-34-0007	LESTER WALDOVAGEL	ROUTE 1	ANTIGO		54409	WI
35-34-0013	HARRY GLEICH	ROUTE 2	DEERBROOK		54424	WI
35-36-0031	EDWARD LEIST	ROUTE 2	REEDSVILLE		54230	WI
35-36-0015	JOHN KOLB JR	ROUTE 1	CLEVELAND		53015	WI
35-36-0026	WILLARD LEITERITZ	ROUTE 1	CLEVELAND		53015	WI
35-36-0029	HOWARD JAEGER	ROUTE 1	CLEVELAND		53015	WI
35-36-0030	HILBERT STEFL	ROUTE 1	MISHICOT		54228	WI
35-36-0031	HERBERT MESSMAN	ROUTE 1	TWO RIVERS		54241	WI
35-36-0040	GEORGE VAN DE LOO	ROUTE 1	CLEVELAND		53015	WI
35-36-0049	ARNOLD SCHULER	ROUTE 1	VALDERS		54245	WI
35-36-0068	ELMER LORENZ	ROUTE 2	TWO RIVERS		54241	WI
35-36-0070	RUEBEN WEHAUSEN	ROUTE 1	MANITOWOC		54220	WI
35-36-0071	ROMAN KOENIG	ROUTE 1	NEWTOWN		53063	WI
35-36-0075	JAMES MILLER	ROUTE 1	NEWTOWN		53063	WI
35-36-0078	ROBERT BINVERSTIE	ROUTE 2	KIEL		53042	WI
35-36-0080	HAROLD HOLSCHBACH	ROUTE 3	MANITOWOC		54220	WI
35-36-0081	CHRIST HAGENOW	ROUTE 1	REEDSVILLE		54230	WI
35-36-0085	ELMER NAGEL & SON	ROUTE 1	VALDERS		54245	WI
35-36-0096	COLONIAL DAIRY FARM		ST. NAZIANZ		54232	WI
35-36-0099	H BINVERSTIE & SONS	ROUTE 2	KIEL		53042	WI
35-36-0104	KOY WEHAUSEN	ROUTE 1	MANITOWOC		54220	WI
35-36-0106	ROLAND H GOEKE	ROUTE 1	NEWTOWN		53063	WI
35-36-0107	ROBERT M. SCHNELL	ROUTE 3	MANITOWOC		54220	WI
35-36-0110	WALTER SIEMERS	ROUTE 1	CLEVELAND		53015	WI
35-36-0114	KENNETH REICHWALDT	ROUTE 1	NEWTOWN		53063	WI
35-36-0118	BORGWARDT BROTHERS	ROUTE 1	VALDERS		54245	WI
35-36-0120	ALVIN KRACHT	ROUTE 1	NEWTOWN		53063	WI
35-36-0124	WENZEL BRDS	ROUTE 2	BRILLION		54110	WI
35-36-0128	JOSEPH KORINEK	ROUTE 1	CATO		54206	WI
35-36-0133	EDWARD STAUDINGER	ROUTE 2	REEDSVILLE		54230	WI
35-36-0143	HARLEN KRAHN	ROUTE 2	BRILLION		54110	WI
35-36-0238	KENNETH TESARIK	ROUTE 2	MANITOWOC		54220	WI
35-37-0020	CARL NORRBOM	ROUTE 1	WITTENBERG		54499	WI
35-37-0054	PALMER W GUMS	ROUTE 1	RINGLE		54471	WI
35-37-0055	DONALD FRANCKOWIAK	ROUTE 2	STRATFORD		54484	WI
35-37-0060	WALTER KLAPEL	ROUTE 2	EDGAR		54426	WI
35-37-0066	VICTOR WEBER	ROUTE 2	MAUSAU		54401	WI
35-37-0067	CLIFFORD KOLPACK	ROUTE 2	EDGAR		54426	WI
35-37-0068	EUGENE WITTER	RT 1 BOX 423	MAUSAU		54401	WI
35-37-0072	ELROY PELIKAN	ROUTE 2	EDGAR		54426	WI
35-37-0074	G E WHITMORE	ROUTE 2	MAUSAU		54401	WI
35-37-0083	ALEX M BAUMANN	ROUTE 5	MAUSAU		54401	WI
35-37-0086	WALTER HEIL	ROUTE 1	MARATHON		54448	WI
35-37-0090	ALBERT TOTZKE & SONS	ROUTE 1	EDGAR		54426	WI
35-37-0109	MELVIN GREWE	ROUTE 1	DORCHESTER		54425	WI

TABLE 9.—LIST OF HERD OWNERS (CONTINUED)

HERD CODE	NAME OF OWNER	ADDRESS OF OWNER			STATE
		STREET—ROUTE	TOWN	ZIP—CODE	
35-38-0010	HARRY KAPLA	ROUTE 1	POUND	54161	WI
35-38-0022	ERVIN FINGER	ROUTE 1	OCONTO	54153	WI
35-38-0023	MARINETTE CO HOSPITAL		PESHTIGO	54157	WI
35-42-0005	IVAN J RADKE	VALLEY VIEW FRM	WILTON	54670	WI
35-42-0039	ROY E JACOBS	ROUTE 1	SPARTA	54656	WI
35-42-0063	ARNOLD NEITZEL	ROUTE 1	ONTARIO	54651	WI
35-43-0019	RAYMOND SCHOFIELD M.D.	% JOHN SIMPSON	GILLET	54124	WI
35-43-0027	J FRANKLIN JONES		GILLET	54124	WI
35-45-0012	LESTER KRAHN	ROUTE 1	SEYMOUR	54165	WI
35-45-0036	WILMER SEMROW	ROUTE 3	APPLETON	54910	WI
35-45-0046	JACK LANNERS	ROUTE 2	SHIOCTON	54170	WI
35-45-0050	ARNOLD VOLKMAN	ROUTE 2	BLACK CREEK	54106	WI
35-45-0054	SAMBS BROTHERS	ROUTE 2	HORTONVILLE	54944	WI
35-45-0056	HENRY SCHAEFER	ROUTE 1	APPLETON	54910	WI
35-45-0077	ROBERT PALTZER	ROUTE 3	APPLETON	54910	WI
35-45-0083	GEENEN BROS	ROUTE 1	KAUKAUNA	54130	WI
35-45-0091	MELVIN BLOHM	ROUTE 1	SEYMOUR	54165	WI
35-45-0095	JOHN & GARY FINDER	ROUTE 1	SEYMOUR	54165	WI
35-45-0113	VOIGHT BROS.	ROUTE 2	SHIOCTON	54170	WI
35-45-0142	ALBERT BRUNS	ROUTE 2	HORTONVILLE	54944	WI
35-45-0157	CHARLES KELLY	ROUTE 1	APPLETON	54910	WI
35-45-0176	JOHN A VER VOORT	ROUTE 1	KAUKAUNA	54130	WI
35-45-0177	KUETTEL FARMS	ROUTE 2	HORTONVILLE	54944	WI
35-45-0179	MAYNARD KRAHN	ROUTE 3	SEYMOUR	54165	WI
35-45-0185	JAMES SEEFELDT	ROUTE 2	SEYMOUR	54165	WI
35-45-0187	LAWRENCE STEPHANI	ROUTE 1	BLACK CREEK	54106	WI
35-45-0188	LLOYD SCHUESSLER	ROUTE 3	KAUKAUNA	54130	WI
35-45-0189	ROBERT DELZER	ROUTE 2	SEYMOUR	54165	WI
35-45-0192	MUSSHOLDER FARMS	ROUTE 2	APPLETON	54910	WI
35-45-0262	JAMES LETTER	ROUTE 2 BOX 193	SEYMOUR	54165	WI
35-46-0006	OTTO KOHLWEY JR	ROUTE 1	GRAFTON	53024	WI
35-46-0008	KENNETH HELMS	ROUTE 1	GRAFTON	53024	WI
35-47-0018	PITTMAN BROS		ARKANSAM	54721	WI
35-48-0076	WIS STATE UNIVERSITY FM	RT 3 BOX 219	RIVER FALLS	54022	WI
35-48-0079	WM HEISE		ELLSWORTH	54011	WI
35-48-0083	KENT RUDESILL	ROUTE 1	BALDWIN	54002	WI
35-48-0084	ROBEY BROS AND SONS	ROUTE 1	RIVER FALLS	54022	WI
35-49-0014	PERLEY HAUGERUD		AMERY	54001	WI
35-49-0020	ROBERT E BEHLING	ROUTE 3	CUMBERLAND	54829	WI
35-49-0022	HELMER HOSE		CLEAR LAKE	54005	WI
35-49-0028	ROBERT G. MAYER		DEER PARK	54007	WI
35-49-0031	PAUL A PAULSON		CLEAR LAKE	54005	WI
35-49-0035	DEER LAKE FARM		ST CROIX FLS	54024	WI
35-49-0045	LEONARD W JOHNSON		ST CROIX FLS	54024	WI
35-49-0046	LE ROY JOHNSON	LEWAJOHN FARM	DRESSER	54009	WI

TABLE 9.--LIST OF HERD OWNERS (CONTINUED)

HERD CODE	NAME OF OWNER	STREET-ROUTE	TOWN	ZIP-CODE	STATE
35-49-0052	WILLIAM BOSAK		FREDERIC	54837	WI
35-49-0055	CLARENCE FROKJER		CENTURIA	54824	WI
35-49-0082	CURTIS TUMSDEN		ST CROIX FLS	54024	WI
35-51-0011	HEIKKINEN BROS DAIRY		BRANTWOOD	54513	WI
35-51-0029	RALPH D CARDEN	SHADY KNOLL ROUTE	PARK FALLS	54552	WI
35-52-0023	DONALD B LEE	ROUTE 1	STURTEVANT	53177	WI
35-52-0038	UNION GROVE STATE FARM	BOX 87	UNION GROVE	53182	WI
35-52-0039	NORMAN LAUBER	ROUTE 1	UNION GROVE	53182	WI
35-52-0056	HARVEY NELSON & SONS	ROUTE 2	UNION GROVE	53182	WI
35-53-0003	ORLEN RICHARDS	ROUTE 2	RICHLAND CTR	53581	WI
35-53-0015	W H KOENIG	150 N MAIN ST	RICHLAND CTR	53581	WI
35-53-0017	ORVAL PELLETT	ROUTE 1	VIOLA	54664	WI
35-53-0028	NEAL ANDERSON	ROUTE 2	RICHLAND CTR	53581	WI
35-53-0035	DONALD SPANGLER	ROUTE 2	YUBA	54672	WI
35-53-0038	VIRGIL KELLER	ROUTE 1	MUSCODA	53573	WI
35-53-0053	OAKWOOD FRUIT FARM INC	ROUTE 2	RICHLAND CTR	53581	WI
35-53-0059	CARROLL KEPLER JR	ROUTE 1	RICHLAND CTR	53581	WI
35-53-0066	WALDO ROTT	ROUTE 3	RICHLAND CTR	53581	WI
35-53-0264	KENNETH REHBEIN	ROUTE 1	MUSCODA	53573	WI
35-54-0007	PAUL R SCHUMACHER	ROUTE 5	JANESVILLE	53545	WI
35-54-0008	WALTER BURANDT	ROUTE 1 BOX 112	BRODHEAD	53520	WI
35-54-0036	WALT AND YEN HABERMAN	ROUTE 5	JANESVILLE	53545	WI
35-54-0039	ROCK CO HOSP @ HOME	BOX 351	JANESVILLE	53545	WI
35-54-0040	CHESTER LUCEY	ROUTE 2	JANESVILLE	53545	WI
35-54-0042	RICHARD NYMAN		ORFORDVILLE	53576	WI
35-54-0045	SHADEL FARM	ROUTE 1	JANESVILLE	53545	WI
35-54-0052	ALF BARLASS AND SONS	ROUTE 1	JANESVILLE	53545	WI
35-54-0054	VINEY FARMS		EVANSVILLE	53536	WI
35-54-0055	RALPH GREEN	RT 1	MILTON JCT	53564	WI
35-54-0058	RICHARD LUCEY	ROUTE 2	JANESVILLE	53545	WI
35-54-0062	RAY ROBERTS AND SON	ROUTE 1	ORFORDVILLE	53576	WI
35-54-0063	GENE ACRES FARM	P O BOX 84	MILTON JCT	53564	WI
35-54-0072	JOHN GRUNZEL @ SON	ROUTE 2	JANESVILLE	53545	WI
35-54-0082	A W AGNEW @ SON	ROUTE 1	WHITEWATER	53190	WI
35-54-0120	WILBERT STEWART	ROUTE 1	MILTON	53563	WI
35-54-0261	MELVIN JAMES & SONS		EVANSVILLE	53536	WI
35-54-0265	FRANKLIN BRADLEY		EVANSVILLE	53536	WI
35-54-0272	JACK STRICKLAND	ROUTE 2	EVANSVILLE	53536	WI
35-55-0001	ROLLO @ WAYNE HEMBROOK		CHETEK	54728	WI
35-55-0010	WILLIAM VAN DOORN JR		TONY	54563	WI
35-55-0025	HARVEY B BURCH	RURAL ROUTE	SHELDON	54766	WI
35-55-0030	KERMIT QUINNELL	RURAL ROUTE	CONRATH	54731	WI
35-55-0033	EARL GOFF & SON		BRUCE	54819	WI
35-56-0027	JON DE FARM		BALDWIN	54002	WI
35-56-0044	RICHARD KRUSCHKE		NEW RICHMOND	54017	WI

TABLE 9.--LIST OF HERD OWNERS (CONTINUED)

HERD CODE	NAME OF OWNER	STREET-ROUTE	ADDRESS OF OWNER TOWN	ZIP-CODE	STATE
35-56-0050	ST CROIX COUNTY FARM		NEW RICHMOND	54017	WI
35-56-0057	DELBERT AFDAHL		HAMMOND	54015	WI
35-56-0071	ART @ DAVID LOGGHE		GLENWOOD CY	54013	WI
35-56-0088	BERN-ANN FARM		NEW RICHMOND	54017	WI
35-56-0096	GERHART SCHEELE		WOODVILLE	54028	WI
35-56-0256	CHAS S KELLY		HUDSON	54016	WI
35-56-0275	VERNON M NELSON	ROUTE 1	NEW RICHMOND	54017	WI
35-57-0017	HOWARD HASHEIDER		SAUK CITY	53583	WI
35-57-0039	SAUK COUNTY FARM		REEDSBURG	53959	WI
35-57-0042	E E KRUSE		LOGANVILLE	53943	WI
35-57-0045	LA VERNE HASSE	LOGANVILLE	LOGANVILLE	53943	WI
35-57-0053	WILLIAM A TANK		SAUK CITY	53583	WI
35-57-0060	HALSEY O SPRECHER	PRAIRIE DU SAC	PR DU SAC	53578	WI
35-57-0063	KENYON E GIESE		LOGANVILLE	53943	WI
35-57-0077	C SIEMANDEL AND SON		HILLPOINT	53937	WI
35-57-0085	WM SCHWARTZ AND SONS		LOGANVILLE	53943	WI
35-57-0091	MELVIN GASSER	ROUTE 4	BARABOO	53913	WI
35-57-0105	HEATHERSTONE ENT.	D. HEGNA, MGR.	BARABOO	53913	WI
35-57-0327	DONALD GROSS		WONEWOC	53968	WI
35-59-0012	SCHMIDT BROS	ROUTE 1	BIRNAMWOOD	54414	WI
35-59-0013	MARTIN BRODHAGEN	ROUTE 2	BONDUEL	54107	WI
35-59-0014	VERNON KOHN	ROUTE 2	KRAKOW	54137	WI
35-59-0031	NORMAN BURMEISTER	ROUTE 1	BONDUEL	54107	WI
35-59-0087	WALTER KIRSCH	ROUTE 2	BONDUEL	54107	WI
35-59-0091	HUBERT & GORDON LINDNER	ROUTE 2	SHAWANO	54166	WI
35-59-0100	KEN NATZKE	ROUTE 1	BONDUEL	54107	WI
35-59-0103	CURTIS SCHNEIDER	ROUTE 2	BONDUEL	54107	WI
35-59-0105	RAY AND W ZERNICKE	ROUTE 1	CECIL	54111	WI
35-59-0114	DARRELL STRUPP	ROUTE 1	KRAKOW	54137	WI
35-59-0118	GORDON G AINSWORTH	ROUTE 2	PULASKI	54162	WI
35-59-0119	CLIFFORD POWERS	ROUTE 1	PULASKI	54162	WI
35-59-0122	ROBERT KROHLW	RT 1 BOX 68	BLACK CREEK	54106	WI
35-59-0123	EDWARD O KROHLW	ROUTE 1	BLACK CREEK	54106	WI
35-60-0001	WALLACE KLEINHANS	ROUTE 1	SHEBOYGAN FLS	53085	WI
35-60-0025	LAACK BROTHERS	ROUTE 2	PLYMOUTH	53073	WI
35-60-0032	WILMER A MUTHS	ROUTE 1	RANDOM LAKE	53075	WI
35-60-0036	HAROLD LAUX	ROUTE 1	ADELL	53001	WI
35-60-0039	ARNO PAYNE	ROUTE 1	WALDO	53093	WI
35-60-0049	FRANCIS WEBB	ROUTE 2	PLYMOUTH	53073	WI
35-60-0051	WALLACE BORN	ROUTE 1	CLEVELAND	53015	WI
35-60-0052	GREAT HOME FARM	ROUTE 1	BELGIUM	53004	WI
35-60-0053	ARCHIE BRASS	ROUTE 2	SHEBOYGAN	53081	WI
35-60-0055	WILLARD A BEUCHEL	ROUTE 2	SHEBOYGAN	53081	WI
35-60-0064	FRANK & WILLARD URBELOHD	ROUTE 1	PLYMOUTH	53073	WI
35-60-0073	HARVEY @ LESLIE WUNSCH	ROUTE 1	SHEBOYGAN	53081	WI

TABLE 9.--LIST OF HERD OWNERS (CONTINUED)

HERD CODE	NAME OF OWNER	STREET-ROUTE	ADDRESS OF TOWN	OWNER	ZIP-CODE	STATE
35-60-0089	RAY BORN	ROUTE 1	PLYMOUTH		53073	WI
35-60-0099	BERNARD KLEIBER	ROUTE 1	PLYMOUTH		53073	WI
35-60-0107	JEROME JUNG	ROUTE 1	RANDOM LAKE		53075	WI
35-60-0117	ORVILLE REYSEN	ROUTE 1	KEMASKUM		53040	WI
35-60-0123	MARVIN SIEGERT	ROUTE 1	SHEBOYGAN FLS		53085	WI
35-60-0129	HAROLD DEPPING	ROUTE 3	PLYMOUTH		53073	WI
35-61-0014	MERLE SAMPOWSKI		STANLEY		54768	WI
35-61-0210	GERALD TAUCHEN	ROUTE 1	DORCHESTER		54425	WI
35-62-0010	LEONARD BROWN AND SON		OSSEO		54758	WI
35-62-0012	EVERETTE HERNES		WHITEHALL		54773	WI
35-62-0050	TREMPEALEAU CO. HOSPITAL		WHITEHALL		54773	WI
35-62-0065	WAYNE LYON		GALESVILLE		54630	WI
35-62-0068	LEONARD OINES		GALESVILLE		54630	WI
35-62-0071	DOUGLAS R KOPP	ROUTE 2	WHITEHALL		54773	WI
35-63-0003	WAYNE BARNES	ROUTE 1	HILLSBORO		54634	WI
35-63-0014	E HUBBARD & ED SOLEM		WONEWOC		53968	WI
35-63-0023	LAVERNE HALL @ SONS	ROUTE 2	WESTBY		54667	WI
35-63-0039	G E MITCHELL	ROUTE 3	HILLSBORO		54634	WI
35-63-0040	JOE NOFSINGER		HILLSBORO		54634	WI
35-63-0061	ARNIE SHERRY		VIROQUA		54665	WI
35-63-0066	ARTHUR THIEGE	RURAL ROUTE 2	WESTBY		54667	WI
35-63-0071	GURDON SHERRY	ROUTE 1	WESTBY		54667	WI
35-63-0105	SHERMAN ERLANDSON	ROUTE 2	VIROQUA		54665	WI
35-63-0120	M R MCCLURG @ SONS	RURAL ROUTE	CHASEBURG		54621	WI
35-63-0124	OLAF GRONVOLD		CHASEBURG		54621	WI
35-63-0125	ROLAND ENGH	RURAL ROUTE	CHASEBURG		54621	WI
35-65-0004	MC CLELLAN FARMS	& F MC CLELLAN RT	DELAVAL		53115	WI
35-65-0026	DEAN TAYLOR	ROUTE 2	WHITEWATER		53190	WI
35-65-0084	USTVAL FARMS	ROUTE 2	BURLINGTON		53105	WI
35-65-0086	HEINRICH WERFELMANN	ROUTE 1	SHARON		53585	WI
35-65-0087	RUBY ACRES	ATT FLOYD PECK	ELKHORN		53121	WI
35-65-0109	WILLIAM H BAKER	ROUTE 4	DELAVAL		53115	WI
35-65-0114	SLEEPY HILL FARM	ROUTE 3 BOX 747	DELAVAL		53115	WI
35-65-0115	R & DONALD ADAMS	ROUTE 3	LAKE GENEVA		53147	WI
35-65-0126	ELMER KUEHNKE	ROUTE 4	BURLINGTON		53105	WI
35-65-0151	BENJAMIN E DIRBLE	ROUTE 1	DELAVAL		53115	WI
35-65-0168	WILLIAM YURS	ROUTE 2	ELKHORN		53121	WI
35-65-0169	PEDERSON & HEIMDAL	ROUTE 1	DELAVAL		53115	WI
35-65-0216	HOWARD HOME FARM	ROUTE 2	WHITEWATER		53190	WI
35-65-0218	WALWORTH CO. FARM		ELKHORN		53121	WI
35-65-0254	GEORGE HELD JR	BOX 205	LYONS		53148	WI
35-65-0267	E. & F. NIENDORF	ROUTE 1	ELKHORN		53121	WI
35-66-0004	WEBER WEST		SARONA		54870	WI
35-66-0010	ROBERT PFUNDHELLER		SPOONER		54801	WI
35-66-0011	G CAMPBELL & W WEST		SARONA		54870	WI

TABLE 9.--LIST OF HERD OWNERS(CONTINUED)

HERD CODE	NAME OF OWNER	STREET-ROUTE	ADDRESS OF TOWN	ZIP-CODE	STATE
35-67-0002	PAUL PAMPERIN	ROUTE 1	ALLENTON	53002	WI
35-67-0004	HOWARD PROEBER	ROUTE 3	WEST BEND	53095	WI
35-67-0005	RONALD SCHUMACHER	ROUTE 1	HARTFORD	53027	WI
35-67-0016	DIETER SCHLUETER	ROUTE 1	HARTFORD	53027	WI
35-67-0022	EDWARD MELIUS FARM 1	ROUTE 1	JACKSON	53037	WI
35-67-0023	EDWARD MELIUS FARM 2	ROUTE 1	JACKSON	53037	WI
35-67-0024	SYLVAN BECKER	ROUTE 3	HARTFORD	53027	WI
35-67-0042	MAYERS FARMS R.H. & F.R.	ROUTE 1 BOX 247	SLINGER	53086	WI
35-67-0052	W M & D H PHILIPPI	ROUTE 6	WEST BEND	53095	WI
35-67-0054	THOMAS WIEDMEYER	ROUTE 1	WEST BEND	53095	WI
35-67-0061	JOSEPH R SCHMITT		COLGATE	53017	WI
35-67-0071	FRED SCHELLINGER	ROUTE 3	HARTFORD	53027	WI
35-67-0074	JOHN HORLAMUS	ROUTE 5	WEST BEND	53095	WI
35-67-0078	ELMER BECKER	ROUTE	HARTFORD	53027	WI
35-67-0082	JAMES F STUETTGEN		HUBERTUS	53033	WI
35-67-0084	HILBERT SCHEUNEMANN	ROUTE 6	WEST BEND	53095	WI
35-68-0026	JOE MAGARICH	ROUTE 2	HALES CORN	53130	WI
35-68-0029	WALTER & ROBERT HOOD		NO PRAIRIE	53153	WI
35-68-0051	ROBERT SEITZ	ROUTE 1	MUKWONAGO	53149	WI
35-68-0052	RAY BAUMGARTNER & SON	ROUTE 1	EAGLE	53119	WI
35-68-0059	RICHARD C HURTGEN	RT 1 BOX 174	PEWAUKEE	53072	WI
35-68-0063	FRYDA JERSEYS	BOX 193	SUSSEX	53089	WI
35-68-0095	ALVIN KAU	ROUTE 1	EAGLE	53119	WI
35-68-0108	LEROY S NICOSON	ROUTE 1	EAGLE	53119	WI
35-68-0125	HUBERT & FRED KIPP		NO PRAIRIE	53153	WI
35-68-0128	GEO MC KERRON AND SON	FARM 2	PEWAUKEE	53072	WI
35-68-0139	WERNER BAEHLER	ROUTE 1 BOX 371	HARTLAND	53029	WI
35-68-0141	RICHARD KIPP		NO PRAIRIE	53153	WI
35-69-0001	DONALD SAWYER	ROUTE 1	WAUPACA	54981	WI
35-69-0016	HERBERT FIETZER	ROUTE 2 BOX 153	MANAWA	54949	WI
35-69-0018	LEON & DOUGLAS THOMA		NEW LONDON	54961	WI
35-69-0029	LEONARD KOBISKE		WAUPACA	54981	WI
35-69-0033	R H SMITH	ROUTE 4	WAUPACA	54981	WI
35-69-0039	ANDREW ANDERSON		OGDENSBURG	54962	WI
35-69-0052	OSCAR DONALD KIETH LONG	ROUTE 2 BOX 372	WEAUAUEGA	54993	WI
35-69-0062	LEONARD L RISKE	ROUTE 2	MANAWA	54949	WI
35-69-0065	JAMES MALUEG	ROUTE 1	MARION	54950	WI
35-69-0073	BUDD A SMITH	ROUTE 4	WAUPACA	54981	WI
35-71-0011	GRUNDY FARMS	1556 SUNNYVIEW ROA	OSHKOSH	54901	WI
35-71-0016	GEORGE WILLIAMS	ROUTE 2	OMRO	54963	WI
35-71-0017	G F DE KEYSER	ROUTE 1	NEENAH	54956	WI
35-71-0025	PANSIEWOOD FARMS INC	4076 RIPON RD R 3	OSHKOSH	54901	WI
35-71-0047	WILLIAM OVERTON	5375 WINNECONNE R4	OSHKOSH	54901	WI
35-71-0054	HOWARD BECK	5886 SKELETON RD	OSHKOSH	54901	WI
35-71-0071	GEORGE DOBERKE	ROUTE 1	NEENAH	54956	WI

TABLE 9.--LIST OF HERD OWNERS (CONTINUED)

HERD CODE	NAME OF OWNER	STREET-ROUTE	TOWN	ADDRESS OF OWNER	ZIP-CODE	STATE
35-71-0088	ROBERT KIRK	ROUTE 1	UMRU		54963	WI
35-72-0008	MELVIN OTT	ROUTE 1 BOX 262	MARSHFIELD		54449	WI
35-72-0024	MARSHFIELD EXP STAT		MARSHFIELD		54449	WI
35-72-0030	CHARLES IUSER	RR	VESPER		54489	WI
35-72-0048	C SMITH AND O REKIS	ROUTE 1 BOX 281	MARSHFIELD		54449	WI
35-73-0001	ROSWELL BABLER		DAKOTA		61018	IL
41-02-0018	ALVIN & ROBERT BURMAN	R R	CEDAR		55011	MN
41-03-0072	FLOYD WARLING	R R 1	AUDUBON		56511	MN
41-03-9085	MYRTLE HIMRUM		LAKE PARK		56554	MN
41-05-9035	ARNOLD AND FLOYD HACKETT	R R 1	RICE		56367	MN
41-05-0048	DENNIS POPP	R R 1	RICE		56367	MN
41-05-0061	JOSEPH SCHUSTAK	R R 1	FOLEY		56329	MN
41-06-0041	ARLIN & GARNET KANNE		ORTONVILLE		56278	MN
41-07-9005	L L CROSWELL & SON		LAKE CRYSTAL		56055	MN
41-07-9029	DONALD GLAMM	R R 3	JANESVILLE		56048	MN
41-07-0094	H E WILLIAMS & SON		LAKE CRYSTAL		56055	MN
41-08-0012	MADSEN BROS	R R 3	SLEEPY EYE		56085	MN
41-09-0053	MATTSON BROS		WRENSHALL		55797	MN
41-10-0009	DALE HALLGREN	R R	COLOGNE		55322	MN
41-10-0035	HAROLD BRUESEHOFF		COLOGNE		55322	MN
41-10-0042	HENRY BACHMANN JR		NORWOOD		55368	MN
41-10-9062	EARL KRATZKE	R R 1	COLOGNE		55322	MN
41-10-0065	CARL A HEDTKE	R R	YOUNG AMERICA		55397	MN
41-10-9066	EDWARD HEUER & SON	R R 1	NORWOOD		55368	MN
41-10-9068	PAUL OELFKE AND SON		HAMBURG		55339	MN
41-10-0168	EMIL BRUEGEMEIER		NEW GERMANY		55367	MN
41-10-0179	LOTHAR WOLTER & SONS		NORWOOD		55368	MN
41-10-0202	MAYNARD BRINKMAN		YOUNG AMERICA		55397	MN
41-10-9230	WALTER E BERGMANN		HAMBURG		55339	MN
41-10-0307	ELMER AHLBRECHT		WACONIA		55387	MN
41-13-0009	RAY OSTERBAUER	ROUTE 1	SCANDIA		55073	MN
41-13-9044	WALTER M HAUGLIE AND SON		RUSH CITY		55069	MN
41-14-9020	DEAN WORKMAN		BORUP		56519	MN
41-14-9073	GARY B WORKMAN		BORUP		56519	MN
41-17-0002	HENRY FRANZ	R R	BINGHAM LAKE		56118	MN
41-17-0021	DONNETH KRINKE		LAMBERTON		56152	MN
41-17-0036	LILAC LANE FARM	D GRANSEE & FAMILY	SANBORN		56083	MN
41-19-9003	WILLIAM G FRAME	R F D	NORTHFIELD		55057	MN
41-19-0004	HOWLAND BROS	R R 3	NORTHFIELD		55057	MN
41-19-0007	ROBERT ALEXANDER	R F D 3	NORTHFIELD		55057	MN
41-19-9039	W L CARROLL & SONS	R R 3	ROSEMOUNT		55068	MN
41-19-9064	HENRY M TRAPP	SKY-VU HOLSTEINS	HASTINGS		55033	MN
41-19-9077	AUGUST LEIFELD	R R 3	CANNON FALLS		55009	MN
41-19-0110	DENNIS P OLEARY JR		ROSEMOUNT		55068	MN
41-19-9135	UNIV OF MINNESOTA	HOL	ST PAUL		55101	MN

TABLE 9.--LIST OF HERD OWNERS(CONTINUED)

HERD CODE	NAME OF OWNER	STREET-ROUTE	TOWN	ZIP-CODE	STATE
41-19-0206	BEITZOLD BROS	R R	FARMINGTON	55024	MN
41-19-0210	HAROLD WACHTER		ROSEMOUNT	55068	MN
41-19-0225	HAROLD LAURSEN	R R 2	FARMINGTON	55024	MN
41-20-0005	MYRON ALBERTS		PINE ISLAND	55963	MN
41-20-0006	KENNETH ALBERTS		PINE ISLAND	55963	MN
41-20-0015	HAVEN BARTEL AND SON	RR 2	KASSON	55944	MN
41-20-0067	ROBERT TIEDEN		HAYFIELD	55940	MN
41-21-0006	MRS KENNETH FERRIS		OSAKIS	56360	MN
41-21-0008	LAURENCE WILKE	R R 3	PARKERS PRAIRIE	56361	MN
41-21-0017	H G & D H JOHNSON		FARWELL	56327	MN
41-22-9015	GEORGE LORENZ		WELLS	56097	MN
41-22-0063	ELDEN BEYER		BRICELYN	56014	MN
41-22-0118	WILLIAM WHITNEY JR		DELAVAN	56023	MN
41-22-0120	RALPH DUTTON	R R 2	BLUE EARTH	56013	MN
41-23-0025	MURRELL JACOBSON		HARMONY	55939	MN
41-23-0078	EUGENE & JERRY SCHEEVEL	R R 1	PRESTON	55965	MN
41-23-0091	PORTER BROADWATER & SONS	R R 1	PRESTON	55965	MN
41-23-0107	CARVER & LEHMKUHL	C/O GEO LEHMKUHL	HARMONY	55939	MN
41-23-0118	ALDEN MARBURGER	R R 3	SPRING VALLEY	55975	MN
41-23-0233	EUGENE & MILO BROADWATER		PRESTON	55965	MN
41-24-9044	ARTHUR ULLAND	RTE 1	AUSTIN	55912	MN
41-24-0168	KENNETH J. PETERSON		CLARKS GROVE	56016	MN
41-24-0181	LARRY HAUKOOS		WALTERS	56092	MN
41-24-0185	LEWIS LUKEN	BOX 43	EMMONS	56029	MN
41-25-0002	FURREST PATTERSON	R R 1	KENYON	55946	MN
41-25-9012	WALTER A. CORDS	R R 2	LAKE CITY	55041	MN
41-25-0034	VERNALD SAMUELSON		CANNON FALLS	55009	MN
41-25-0065	FLRUY VOTH	R R 3	GOODHUE	55027	MN
41-25-0128	RICHARD REESE	R R	GOODHUE	55027	MN
41-25-0159	LEVERNE VANGNESS		KENYON	55946	MN
41-25-0267	GERHARD BJUGAN	R R 2	PINE ISLAND	55963	MN
41-25-9369	DAVID LOHMANN	R R	ZUMBROTA	55992	MN
41-25-9380	LEROY MILLER	R R 1	KENYON	55946	MN
41-25-0392	EDWARD MANTHEI	R R 1	PINE ISLAND	55963	MN
41-25-0480	ROGER FRIESE-SWENSON EST	R R	WANAMINGO	55983	MN
41-27-9004	GLENARD E. TESSMER		ROGERS	55374	MN
41-27-0029	WESLEY & EILEEN ROEHLKE	ROUTE 1	ROGERS	55374	MN
41-27-0046	DANIEL G BOLKCOM	RT 1	DELAND	55328	MN
41-27-0238	ALVIN SCHMID	R R 1	ROGERS	55374	MN
41-28-9009	CLETUS SCHLIECH		CALEDONIA	55921	MN
41-28-9026	GUY SMITH	R R 2	HOUSTON	55943	MN
41-28-9047	OLAF J KJOME & SONS	R R 2	SPRING GROVE	55974	MN
41-30-0004	DEANE T SKUGMAN	LAKE HAVEN FM	CAMBRIDGE	55008	MN
41-30-0017	LYLE SCHLEIF	R R 1	ZIMMERMAN	55398	MN
41-30-0028	RUDY JENSEN & SON JAMES	R R 1	ISANTI	55040	MN

TABLE 9.--LIST OF HERD OWNERS (CONTINUED)

HERD CODE	NAME OF OWNER	STREET-ROUTE	TOWN	ADDRESS OF OWNER	ZIP-CODE	STATE
41-33-9054	KENNETH W ANGSTRAM					
41-33-0057	MAURITZ HOLMSTROM	RT 1	MORA		55051	MN
41-34-0008	EUGENE KNUDSEN		MORA		55051	MN
41-34-0056	HERBERT BECKMAN	R R 1	KANDIYOHI		56251	MN
41-34-0122	CARL & RICHARD BACKLUND		KANDIYOHI		56279	MN
			KANDIYOHI		56251	MN
41-40-0005	DALE SAPP		LE CENTER		56057	MN
41-40-9041	MINN VALLEY BREEDERS		NEW PRAGUE		56071	MN
41-41-0002	GUSTAV EVERS		LAKE BENTON		56149	MN
41-42-0027	ORVILLE HENNEN		GHEAT		56239	MN
41-42-0049	LEO J MOORE AND SON		MINNEOTA		56264	MN
41-45-0004	MARLAN EBELING	RR	SHERBURN		56171	MN
41-45-9006	HERBERT LANGE	ROUTE 2	SHERBURN		56171	MN
41-45-0018	NOWAK AND SEIFERT	R R 1	FAIRMONT		56031	MN
41-45-0052	JAMES CALKINS		GUCKEEN		56040	MN
41-45-9100	WENDELL OWENS		ELMORE		56027	MN
41-45-0118	NORMAN GRATZ	R R 2	FAIRMONT		56031	MN
41-45-0141	ALDEN FLYGARE	R R	DUNNELL		56127	MN
41-46-0005	CLEM MACKENTHUN		BROWNTON		55312	MN
41-46-9022	VIRGIL E OLSON & SONS	R R 4	HUTCHINSON		55350	MN
41-46-9028	MILLS BROTHERS	R R 3	HUTCHINSON		55350	MN
41-46-9034	DONALD JERGENS	R R 2	HUTCHINSON		55350	MN
41-46-9035	H W FILK AND SON	R R 2	HUTCHINSON		55350	MN
41-46-0075	EARL HOERNEMANN	R R	PLATO		55370	MN
41-46-9090	LEROY DONNAY	R R 2	GLENCOE		55336	MN
41-46-0099	ELWIN BRELJE	R R 2	GLENCOE		55336	MN
41-46-0171	HILLARD BULLERT	R R 2	GLENCOE		55336	MN
41-46-9172	O PETERSON AND A JERGENS		HUTCHINSON		55350	MN
41-46-0198	L PETERSON & A WENDORFF	R R 3	HUTCHINSON		55350	MN
41-46-0370	ROBERT BOLTMAN		HAMBURG		55339	MN
41-47-0070	QUINTIN BOLLIN	RR 2 BOX 39	LITCHFIELD		55355	MN
41-47-0165	ROBERT CARLSON		DARWIN		55324	MN
41-47-0174	MERRILL FLEMING	R R 1	COSMOS		56228	MN
41-47-0201	EUGENE NYQUIST		COKATO		55321	MN
41-48-0031	DON TIMMER	R R 2	MILACA		56353	MN
41-49-9010	ROBERT LINDBOG	R R 2	LITTLE FALLS		56345	MN
41-49-0020	CARL VERNIG AND SON		PIERZ		56364	MN
41-49-0037	RAYMOND SCHWANKE	R R 3	RANDALL		56475	MN
41-49-0075	BOB HAPPE	R R 1	PIERZ		56364	MN
41-49-0076	JEROME KEMPENICK	R R 1	RANDALL		56475	MN
41-50-0009	WILLIAM A SMITH		ADAMS		55909	MN
41-50-0029	NORMAN S WRIGHT		GRAND MEADOW		55936	MN
41-50-9059	MELVIN THOME	R 1	ADAMS		55909	MN
41-50-0097	DALE RUGG AND SONS	RR 2	AUSTIN		55912	MN
41-50-0147	STANLEY M DENNIS	R R 5	AUSTIN		55912	MN
41-52-9002	HAMILTON & RICH NELSON	R R	ST PETER		56082	MN

TABLE 9.—LIST OF HERD OWNERS(Continued)

HERD CODE	NAME OF OWNER	STREET—ROUTE	TOWN	ZIP—CODE	STATE
41-52-9008	CHRISTIAN & JULIAN OLSEN	R R 2	NICOLLET	56074	MN
41-52-9009	HOWARD AND OWEN SWENSON	R D	NICOLLET	56074	MN
41-52-9020	RUDOLPH L BODE	R D	COURTLAND	56021	MN
41-52-0021	WILMAR BODE		COURTLAND	56021	MN
41-52-0047	UGDEN M OLMANSON		ST PETER	56082	MN
41-52-0048	KENNETH ECKBERG	AND SON DWAIN	LAFAYETTE	56054	MN
41-52-0080	RUSSELL THOMPSON	R R 2	NICOLLET	56074	MN
41-52-0084	WALTON GIESEKE	R R 3	NEW ULM	56073	MN
41-52-0101	LYLE WELDY	R R	FAIRFAX	55332	MN
41-53-9013	STANBY FARMS	R R 1	WORTHINGTON	56187	MN
41-55-0092	BURTON HENRY	R R	DOVER	55929	MN
41-55-0097	ELMER FUCHS & SONS	R R 2	EYOTA	55934	MN
41-55-9146	HARRY E BLUHM	R D 2	EYOTA	55934	MN
41-55-9174	LOREN BIERBAUM	R R	EYOTA	55934	MN
41-55-0202	ERVIN REINECKE	R R	EYOTA	55934	MN
41-55-9255	DR ESSEX & H HEINS	R R 1	ROCHESTER	55901	MN
41-56-0057	DAVID THOM	R R 2	UNDERWOOD	56586	MN
41-56-0070	JOHN A GRONNER	GREEN ACRES RR 1	UNDERWOOD	56586	MN
41-56-0073	HAROLD UKKELBERG		CLITHERALL	56524	MN
41-56-0088	ART & OTTO FJESTAD	R R 2	FERGUS FALLS	56537	MN
41-56-0153	PHILIP PAHAN	R R 1	UNDERWOOD	56586	MN
41-56-0268	ELMER TROSDAHL	R R 1	CLITHERALL	56524	MN
41-56-0285	HERBERT WOODS	R R	DENT	56528	MN
41-56-0355	ELVIN ARVIDSON		PARKERS PRAIRIE	56361	MN
41-58-9017	HJALMAR WESTMAN AND SON		RUSH CITY	55069	MN
41-58-0080	VERNON R ROOT	R R 2	PINE CITY	55063	MN
41-60-9010	N W SCHOOL AGR EXP STA	DR GEORGE D MARX	CROOKSTON	56716	MN
41-60-0019	CONRAD ZAK	ROUTE 1	ANGUS	56712	MN
41-60-9027	L J KASPRICK AND D TAUS	C/O DONALD TAUS	ANGUS	56712	MN
41-64-9068	DENIS JUENEMANN	R R	CLEMENTS	56224	MN
41-64-0102	CLARENCE F REYNOLDS	R R 1	REDWOOD FALLS	56283	MN
41-66-0005	FARIBAULT ST SCH & HOSP	STATION A	FARIBAULT	55021	MN
41-66-0013	BURTON PETERSON	R R 1	NORTHFIELD	55057	MN
41-66-9028	FRANK N GRIMM	R R 1	FARIBAULT	55021	MN
41-66-0056	ORVILLE R WEGNER	R R 3	FARIBAULT	55021	MN
41-66-9071	ED AND CLIFF MESCHKE		MORRISTOWN	55052	MN
41-66-9227	JOHN & FLORENCE VOLKERT		DENNISON	55018	MN
41-68-0045	WILLIAM WILSON		GREENBUSH	56726	MN
41-70-0013	EARL LENZMEIR		SHAKOPEE	55379	MN
41-70-0026	J DONALD SEIFERT		JORDAN	55352	MN
41-70-0036	MATT KLEHR	R R 2	SHAKOPEE	55379	MN
41-70-0053	MARTIN THEIS	R R 1	SHAKOPEE	55379	MN
41-70-0076	WALLACE J HUSS		JORDAN	55352	MN
41-70-0161	GORDON THOMPSON		LAKEVILLE	55044	MN
41-71-0002	RICHARD HINKLE	R R 1	ELK RIVER	55330	MN

TABLE 9.--LIST OF HERD OWNERS (CONT INUED)

HERD CODE	NAME OF OWNER	ADDRESS OF OWNER			STATE
		STREET-ROUTE	TOWN	ZIP-CODE	
41-71-0039	HAROLD MITCHELL	R R	BIG LAKE	55309	MN
41-71-0046	CLARENCE SWANSON	R R	BIG LAKE	55309	MN
41-72-0029	RUBEN JUTZ	R R 1	GIBBON	55335	MN
41-72-9042	VIRGIL BELTER	R R	GLENCOE	55336	MN
41-72-9046	TONY KACHELMEIER	R R	GIBBON	55335	MN
41-72-0078	LUVERNE BERGS	R R	ARLINGTON	55307	MN
41-72-0124	A LIESKE & D BEUCH	R R	HENDERSON	56044	MN
41-73-0030	BERT SCHWINGHAMER	RT 1	ALBANY	56307	MN
41-73-0038	LEANDER WICKER	R R 2 BOX 70	KIMBALL	55353	MN
41-73-0045	ED FIEDLER	R R 3	SAUK CENTRE	56378	MN
41-73-0077	BEN HERICKHOFF	R R 1	BELGRADE	56312	MN
41-73-0096	EUGENE JENNISSEN	R R 1	SAUK CENTRE	56378	MN
41-73-0122	NORBERT GOEBEL	R R 1	ALBANY	56307	MN
41-73-9196	CONRAD ZEHNER	R R 1	SAUK CENTRE	56378	MN
41-73-9224	ANTHONY JENNISSEN	R R 1	SAUK CENTRE	56378	MN
41-73-0369	RALPH KLASSEN	R R 1	REGAL	56366	MN
41-74-0047	LORENZ WILKER	R R 1	OWATONNA	55060	MN
41-74-0048	GORDON HOSFIELD	R R 1	MEDFORD	55049	MN
41-74-9051	DARWIN KASPER	R R 1	MEDFORD	55049	MN
41-74-9060	HARLAN BUECKSLER	R R 1	OWATONNA	55060	MN
41-74-0065	DVANE E WEGNER	R R 1	MEDFORD	55049	MN
41-74-9069	CARLO HANSON	R R 2	BLOOMING PRAIRIE	55917	MN
41-74-0143	DAVID DEMMER	VERNE PURSEL	ELLENDALE	56026	MN
41-75-9002	W CENT SCH AGR EXP STA		MORRIS	56267	MN
41-77-0024	RAYMOND ASPENGREN		EAGLE BEND	56446	MN
41-77-0051	GERALD ECKEL	R R 3 BOX 58	EAGLE BEND	56446	MN
41-77-0128	RICHARD BARON		BROWERVILLE	56438	MN
41-79-0047	DUNN HOUGHTON		PLAINVIEW	55964	MN
41-79-0056	FOREST LAMPRECHT		PLAINVIEW	55964	MN
41-79-0098	HARRY MEINCKE		LAKE CITY	55041	MN
41-79-0262	ROGER MEYER	OAK LEAF FARM R 1	LAKE CITY	55041	MN
41-82-9036	MINN STATE PRISON	DAIRY HERDSMAN RT 3	STILLWATER	55082	MN
41-82-9090	WAYNE D BROWN	R R 4	HASTINGS	55033	MN
41-82-0105	LESTER RYDEEN	R R 1	MARINE ST CROIX	55047	MN
41-82-0108	HARRY J HOOLEY	R R 1	STILLWATER	55082	MN
41-82-0164	HOWARD HAWKINSON	R R 1	SCANDIA	55073	MN
41-83-0063	ROBERT F GIESEKE	R R 1	ST JAMES	56081	MN
41-84-9002	M STOLTENOW & D LEINEN	R R 1	GREAT BEND	58039	ND
41-84-9091	LEONARD NORDICK	R R 1	ROTHSAY	56579	MN
41-85-9023	ELMER SIMON	R R	ALTURA	55910	MN
41-85-9076	C H MUELLER & SONS	R R	LEWISTON	55952	MN
41-85-0195	RAYMOND KRONEBUSCH		ALTURA	55910	MN
41-87-0038	RUSSELL E MAHLUM	DIARY FARM R 4	CANBY	56220	MN
41-87-0055	RHEA & SCHLECHT		PORTER	56280	MN
42-01-9003	DEAN E LILLIE		WINTERSET	50273	IA

TABLE 9.--LIST OF HERD OWNERS(CONTINUED)

HERD CODE	NAME OF OWNER	STREET-ROUTE	TOWN	ADDRESS OF OWNER	ZIP-CODE	STATE
42-03-9007	EDWARD OPFER	R R 1	HAUKON		52172	IA
42-03-0018	FRITZ BROS	R R 2	LANSING		52151	IA
42-03-0036	GEORGE HUFFEY		WATERVILLE		52170	IA
42-03-9055	WILLARD GUEKE	R R 1	HAUKON		52172	IA
42-03-9056	KERNOT FARMS	R R 2	LANSING		52151	IA
42-03-9135	FRANK SIVESINO	R R 3	HAUKON		52172	IA
42-03-0138	EUGENE L KNUDTSON	R R 2	HAUKON		52172	IA
42-03-0156	LYLE E DEBOWER	R R 2	MONONA		52159	IA
42-05-9004	JENSEN BROTHERS	MELVIN JENSEN	EXIRA		50076	IA
42-05-0005	EMERY JENSEN		EXIRA		50076	IA
42-06-0012	ROBERT GLIME	R F D 2	LA PORTE CITY		50651	IA
42-06-9085	DENNIS BIRSCHENK	R R 1	FAIRFAX		52346	IA
42-06-0092	ROY S MILLER & SONS	R R 1	FAIRFAX		52228	IA
42-07-9015	YOUNG AND SCHNEIDER		JESUP		50648	IA
42-07-0059	RAY J MILLER	R R 4	WATERLOO		50700	IA
42-07-0097	JACK HANSEN	R R	HUDSON		50643	IA
42-07-0106	T A CROSS	R R 4	CEDAR FALLS		50613	IA
42-08-0004	HAROLD GRABAU	RFD 3	BOONE		50036	IA
42-08-0015	JAMES B FLYNN	R R 2	BOONE		50036	IA
42-08-9031	WOODWARD ST HOSP AND SCH	C/O HAROLD ROBERTS	WOODWARD		50276	IA
42-10-0006	WILLIAMSON GUERNSEY FARM	GUY WILLIAMSON	ROWLEY		52329	IA
42-10-0079	MELVIN FUNK	R R 2	WINTHROP		50682	IA
42-14-9012	GEORGE OPPERMAN		MANNING		51455	IA
42-16-9055	MERLIN GEADLEMAN	R R 2	CLARENCE		52216	IA
42-17-0044	ROBERT AMES		ROCKWELL		50469	IA
42-18-0019	ALFRED W FELTON		AURELIA		51005	IA
42-22-0002	GERALD STEVA		LUANA		52156	IA
42-22-9017	EWALD C BRANDT		POSTVILLE		52162	IA
42-22-0033	MARIE WAHLS		ELKADER		52043	IA
42-22-9067	MILTON AND WILLIS MEIER	R R	FARMERSBURG		52047	IA
42-22-9099	VIRGIL B KREGEL		GUTTENBERG		52052	IA
42-22-0101	DELBERT HAWKINS		CLAYTON		52034	IA
42-22-0118	EUGENE B MILLER		FARMERSBURG		52047	IA
42-22-9191	HOWARD J KEEHNER		GUTTENBERG		52052	IA
42-22-9199	VERNICE MOON		MONONA		52159	IA
42-22-0263	GROVES FARM	C/O CLAYTON ONEIL	MONONA		52159	IA
42-22-0216	ANITA KRUSE AND SONS	BEAUTYDALE FARMS	GARBER		52048	IA
42-22-9237	M J LEIN AND SON	RT 1	MCGREGOR		52157	IA
42-23-0054	LEE F BARBER	R R 2	DE WITT		52742	IA
42-26-0009	WILLIAM C HAUGHMAN	R 1	PULASKI		52584	IA
42-28-0006	CARL FENSTERMANN		EARLVILLE		52041	IA
42-28-0018	ANDREW & GERALD KNIPPER		EARLVILLE		52041	IA
42-28-0031	KING AND SON	KINGS CORNERS FARM	HOPKINTON		52237	IA
42-28-0133	LOUIS R ZUMBACH JR	FARM 1	COGON		52218	IA
42-28-0135	ALVIN VOELKER	R R 1	RYAN		52330	IA

TABLE 9.--LIST OF HERD OWNERS (CONTINUED)

HERD CODE	NAME OF OWNER	STREET-ROUTE	ADDRESS OF TOWN	ZIP-CODE	STATE
42-28-C137	DOUGLAS L ROSS	R R 2	MANCHESTER	52057	IA
42-28-9143	STINEHART AND WUCHTER	BOX 191	MANCHESTER	52057	IA
42-30-C013	MARTIN JOHNSON		TERRIL	51364	IA
42-31-9006	DONALD L JECKLIN		PEOSTA	52068	IA
42-31-0007	ELDON COATES	R R 1	ZWINGLE	52079	IA
42-31-9080	KENNETH PANCRAZ	R R	ZWINGLE	52079	IA
42-31-0114	DON WAGNER	R R 2	SHERRILL	52073	IA
42-33-0012	ERNEST MIEHE	R R 1	HAYNARD	50655	IA
42-33-9034	I P STEWART	R R	MAYNARD	50655	IA
42-33-0054	REUBEN STEFFENS	R R	CLERMONT	52135	IA
42-33-0057	LESTER STEFFENS	R R 1	WEST UNION	52175	IA
42-33-C066	MICHAEL J CUNNINGHAM		ARLINGTON	50606	IA
42-33-0077	F F HAMLETT AND L JONES	C/O LYLE JONES R R	LAMONT	50650	IA
42-33-0110	A L AND MRS W C PAGEL	% A L PAGEL	SUMNER	50674	IA
42-33-9147	NABHOLZ BROS		WEST UNION	52175	IA
42-33-9208	HARVEY H LOVE		AURORA	50607	IA
42-33-5251	TRIUNA FARMS & ANDERSON	403 N FREDERICK	DELWEIN	50662	IA
42-33-0285	DONALD JELLINGS AND SON	R R 2	DELWEIN	50662	IA
42-34-9004	IVAN BARTZ		RUDD	50471	IA
42-34-9030	MITCHELL AND PHEND	% E W PHEND R R 2	NASHUA	50658	IA
42-35-0045	OKVAL MARTS	R R 1	HAMPTON	50441	IA
42-35-0050	MARVIN SCHROEDER	R R	LATIMER	50452	IA
42-38-C064	CHARLES SELLER AND SONS		ELDORA	50627	IA
42-38-9065	RICHARD BILLERBECK		GRUNDY CENTER	50638	IA
42-39-9011	EVERETT RENFROW		BAGLEY	50026	IA
42-39-9026	MC CUEN AND SON		VALE	50277	IA
42-40-0026	R WARD BRITSON	R R 1	WILLIAMS	50271	IA
42-41-9008	FERN HULING AND SONS	R R	BRITT	50423	IA
42-41-0029	CHARLES T MCLAUGHLIN	R R	BRITT	50423	IA
42-41-0036	EDMOND BLANCHET	R R	FOREST CITY	50436	IA
42-41-0058	DALE BREDE AND SON		KLEMME	50449	IA
42-41-0059	ANTON TRCA	SUNNYVALE FARM	GARNER	50438	IA
42-42-9010	HOWARD MARTIN	R R	NEW PROVIDENCE	50206	IA
42-42-9017	WILLARD MARTIN		NEW PROVIDENCE	50206	IA
42-42-9020	H G TROUSDALE AND SON	R R 2	ALDEN	50006	IA
42-42-0049	BRIGHT & ROSE	R R	ELDORA	50627	IA
42-45-9009	WILLIAM CHURCH	RFD	RICEVILLE	50466	IA
42-45-0052	RICHARD PHILLIPS	R R 3	CRESO	52136	IA
42-46-0024	CLARENCE HEFTY		RENWICK	50577	IA
42-46-0056	DON KILEY	R R	LIVERMORE	50558	IA
42-48-9009	OWEN TOMPKINS & SON	R R 2	MARENGO	52301	IA
42-48-0051	MERWYN BETZ	R R 1	MARENGO	52301	IA
42-49-9004	LAURENCE HUENKE	R R	BELLEVUE	52031	IA
42-49-0037	RALPH AND JOHN HEINRICH	R R 2	ZWINGLE	52079	IA
42-50-0005	J L HIENSTRA		PRAIRIE CITY	50228	IA

TABLE 9.--LIST OF HERD OWNERS (CONTINUED)

HERD CODE	NAME OF OWNER	STREET-ROUTE	TOWN	ADDRESS OF OWNER	ZIP-CODE	STATE
42-50-0006	CARL VAN HOWELING & SON		PRAIRIE CITY		50228	IA
42-50-0032	VINCENT TOMLONOVIC		COLFAX		50054	IA
42-50-9055	MAYTAG FARMS INC	C JACKSON AND SONS	BOX 506	NEWTON	50208	IA
42-51-0006	VERLE EGLI	R R	LOCKRIDGE		52635	IA
42-52-0028	JOHN DANE	R R 3	IOWA CITY		52241	IA
42-53-9064	JAY SLATER	R R 1	OLIN		52320	IA
42-54-0018	CHARLES L WONDERLICH	R R	OLLIE		52576	IA
42-55-0025	ALVIN BOETTCHER	BOX 155	LAKOTA		50451	IA
42-55-9033	JOHN RUGER		FENTON		50539	IA
42-56-9019	DWIGHT KREBILL	RR 2	DONNELSON		52625	IA
42-57-0027	WITHER WAYSIDE FARM	ROUTE 3	MARION		52302	IA
42-57-0031	WEAVER WITWER	8 HAROLD OTT R 3	MARION		52302	IA
42-57-0176	GALEN COVINGTON	R R	MONTICELLO		52310	IA
42-60-0006	THED & WILLIAM GERBER		LARCHWOOD		51241	IA
42-60-9009	SUMMIT FARM INC		LESTER		51242	IA
42-60-9011	FREDERICK METZGER		HILLS		56138	MN
42-60-0026	ERNEST FASTERT		ROCK RAPIDS		51246	IA
42-60-9030	WILLIAM WINKOWITSCH		GEORGE		51237	IA
42-60-9052	ROCKY CLIFT FARM		LARCHWOOD		51241	IA
42-64-0025	DELMAR TIGGES	R R 1	MELBOURNE		50162	IA
42-64-9064	HAROLD EGGERS	R R 1	BEAMAN		50609	IA
42-64-9083	JAMES EARL FRELAND		STATE CENTER		50247	IA
42-65-9008	GLENWOOD STATE SCHOOL	DAIRY HERDSMAN	GLENWOOD		51534	IA
42-66-9011	ARTHUR GERLACH		ST ANSGAR		50472	IA
42-66-9040	WILFRED THOME		STACYVILLE		50476	IA
42-66-9045	KEITH SULLIVAN		OSAGE		50461	IA
42-66-0083	ALVIN GILBRECH		OSAGE		50461	IA
42-66-0086	DUANE ASSINK	R R 1	RICEVILLE		50466	IA
42-69-9015	DAVID W MCALPIN		VILLISCA		50864	IA
42-70-0021	SCOTT JERSEY FARM		WILTON JUNCTION		52778	IA
42-70-0023	RALPH MCALLISTER & SONS		STOCKTON		52769	IA
42-70-0057	HORACE J SCHROEDER	R R 1	STOCKTON		52769	IA
42-70-0063	FRED RATHJEN AND SONS	R R 1	WILTON JUNCTION		52778	IA
42-71-0036	HAROLD LEE STAMER		GRANVILLE		51022	IA
42-71-9037	RICHARD GROSSHAUSER	FREDRICH FARM	PAULLINA		51046	IA
42-71-0048	HERMAN STOPSACK		HARTLEY		51346	IA
42-71-0057	ROGER SILBERSTEIN		PRIMGHAR		51245	IA
42-72-0019	ARNOLD LUITJENS	R R	ASHTON		51232	IA
42-74-0053	ED KENYON	R R 1	WHITTEMORE		50598	IA
42-74-0068	ROBERT ECKERT	R R	MALLARD		50562	IA
42-75-0007	RODERICK EYES	R R 1	LE MARS		51031	IA
42-76-0036	DOUGLAS ALMQUIST	R R 1	FONDA		50540	IA
42-77-0024	PHILIP S LEHMAN		SLATER		50244	IA
42-78-9023	ALLISON B CECIL	LITTLE BROOK FARM	UNDERWOOD		51576	IA
42-79-9003	JESS MILLER & MAX HALL	R R	9 BROOKLYN		52211	IA

TABLE 9.--LIST OF HERD OWNERS(CONTINUED)

HERD CODE	NAME OF OWNER	STREET-ROUTE	TOWN	ZIP-CODE	STATE
42-79-9028	MAYNARD LANG & SONS	R F D 3	BROOKLYN	52211	IA
42-82-9016	WALTER A DENGELER JR	R 2	DAVENPORT	52804	IA
42-82-0026	ARNOLD W PETERSEN	R R 2	DAVENPORT	52800	IA
42-82-9038	ELMER F PAPER	R R 1	STOCKTON	52769	IA
42-82-9054	ROBERT SCHMIDT		BETTENDORF	52722	IA
42-82-0071	DONALD J HOLST AND SON	AND SON	LE CLAIRE	52753	IA
42-82-9084	THOMAS P WADSWORTH	% RAYMOND R DIRKS	WALCOTT	52773	IA
42-82-9094	HOWARD F PRATHER		PRINCETON	52768	IA
42-84-9004	LELAND RENSINK		BOYDEN	51234	IA
42-84-9009	JOE C FIHR		BOYDEN	51234	IA
42-84-0023	C DWAYNE DE BOER		HULL	51239	IA
42-84-0035	RAY VANDERLUGT		HAWARDEN	51023	IA
42-84-0050	ALFRED FICK	R R 1	BOYDEN	51234	IA
42-84-9058	DONALD DEGROOT		HULL	51239	IA
42-84-9065	EDGAR VERMEER		BOYDEN	51234	IA
42-84-9100	H JUNIOR REUVERS	R R 2	BOYDEN	51234	IA
42-84-0117	ROY L ROZEBOOM	R R 2	BOYDEN	51234	IA
42-84-0120	JOHN J VANDERWAAL	R R	ORANGE CITY	51041	IA
42-85-9275	UNIVERSITY DAIRY FARM BS	123 KILDEE HALL	AMES	50010	IA
42-86-9010	RUSSELL LYON		TRAEER	50675	IA
42-86-0013	E J SKALA		TAMA	52339	IA
42-86-0014	LEO BENDA	R R 2	TOLEDO	52342	IA
42-86-9032	DALE GERLACH	R R 2	TOLEDO	52342	IA
42-86-0076	DONALD D WITT	R R 1	TRAEER	50675	IA
42-91-0055	DON MCGUIRE		ACKWORTH	50001	IA
42-93-9022	WENDELL TUTTLE AND SONS	RFD 1	CORYDON	50060	IA
42-93-0027	ERICKSON & ERICKSON	R R 1	RUSSEL	50238	IA
42-94-9004	BERNARD MONSON		GOWRIE	50543	IA
42-94-9009	PERCY PETERSON AND SON		CALLENDER	50523	IA
42-94-0010	WILMER THEISS	R R 3	FORT DODGE	50501	IA
42-94-0025	PAUL PETERSON		SOMERS	50586	IA
42-94-0029	EUGENE MCCUBBIN		CALLENDER	50523	IA
42-94-0057	RICHARD A BOTHE & SONS	R R 4	FORT DODGE	50501	IA
42-96-0012	RALPH HEGG		DECORAH	52101	IA
42-96-0027	HAROLD HANNEMAN	R R 2	DECORAH	52101	IA
42-96-0032	CURTISS FALDET	R R 2	DECORAH	52101	IA
42-96-0056	HOWARD SERSLAND AND SONS	R R 1	DECORAH	52101	IA
42-96-0057	ERBIE STEFFENS		DECORAH	52101	IA
42-96-0081	NORVAL FARM		DECORAH	52101	IA
42-96-0089	MERLIN FALDET	CLYDE QUANDAHM R 3	DECORAH	52101	IA
42-96-0108	EVERETT SOLLTEN		MABEL	55954	MN
42-96-0110	SERSLAND AND LUMEN	% ROBERT SERSLAND	DECORAH	52101	IA
42-96-0111	R F KNEESKERN AND SON	%	CASTALIA	52133	IA
42-96-0137	ERNEST C JOHNSON & SON	R R #1	DECORAH	52101	IA
42-96-0174	CARSTEN CLEMENT	R R	POSTVILLE	52162	IA

TABLE 9.--LIST OF HERD OWNERS(CONTINUED)

HERD CODE	NAME OF OWNER	STREET-ROUTE	ADDRESS OF OWNER TOWN	ZIP-CODE	STATE
42-96-9180	BENZING & LOMEN	% ORAN BENZING R R	OSSTIAN	52161	IA
43-02-9007	CARL W SCHNEIDER	RT 2	COSBY	64436	MO
43-02-9023	DUYLE G WERTENBERGER	R R	HELENA	64459	MO
43-04-9004	ERNEST CONHERD		PURDY	65734	MO
43-04-9030	CARL DAVIDSON		EXETER	65647	MO
43-04-9040	LARRY PURDOM	R R 2	PURDY	65734	MO
43-04-9041	BURNEY AND LATIMER	R R 2	AURORA	65605	MO
43-04-9046	MASTERS JERSEY FARM	R R 2	AURORA	65605	MO
43-06-9020	HAROLD BELL		HUME	64752	MO
43-06-9025	STEELE AND KING		BUTLER	64730	MO
43-09-9064	FOREMOST GUER UNIV OF MO	R R 3	COLUMBIA	65201	MO
43-09-9006	UNIVERSITY OF MISSOURI	101 ECKLES	COLUMBIA	65201	MO
43-10-9016	FRANCIS DALE HESNAULT	R R 4	ST JOSEPH	64500	MO
43-12-9006	SKY-GO FARMS INC	R R 2	FULTON	65251	MO
43-12-9007	STATE HOSPITAL NO 1	% JOHN LYNCH	FULTON	65251	MO
43-14-9007	HARLAN P HAGER	RFD 1	GORDONVILLE	63752	MO
43-14-9008	ALBERT SCHABRING	R R 2	CAPE GIRARDEAU	63701	MO
43-14-9009	CLEM SCHABRING	R R 2 BOX 443	CAPE GIRARDEAU	63701	MO
43-14-9029	FRANK MILDE		JACKSON	63755	MO
43-14-9034	MRS EMIL PEETZ AND SON	R R 2	JACKSON	63755	MO
43-14-9037	HARVEY NISCHWITZ	R R 1	GORDONVILLE	63755	MO
43-16-9009	RUSS HELMS	R R	CREIGHTON	64739	MO
43-16-9017	A L HARTZLER	RT 1	HARRISONVILLE	64701	MO
43-16-9030	JOHN H KOHLER JR	R R 1	PLEASANT HILL	64080	MO
43-16-9051	CHARLES R MORELAND	R R 2	HARRISONVILLE	64701	MO
43-19-9018	JOE KING	R R	CLEVER	65631	MO
43-19-9029	HOWARD L RAUCH	R R 1	BILLINGS	65610	MO
43-19-9034	NEAL SHORT	R R 1	SPARTA	65753	MO
43-19-9035	ALBERT STAIGER	R R 1	BILLINGS	65610	MO
43-19-9041	MILFRED WHEELER		OZARK	65721	MO
43-19-9050	CARL E KASTENDIECK	R R	BILLINGS	65610	MO
43-19-9054	ALBU FARM-ALBERT BUS	R R 1	BILLINGS	65610	MO
43-19-9068	RAYMOND E SCHATZ	R R	BILLINGS	65610	MO
43-19-9075	ESTES HOMESTEAD FARM		CLEVER	65631	MO
43-22-9001	LLOYD C BACON	R R 1	CAMERON	64429	MO
43-22-9017	MEL-LAINE FARM	% MELVIN D ELLIOTT	TURNEY	64493	MO
43-22-9025	SHAWERSIDE DAIRY FARM	% RONALD SHAVER R1	LATHROP	64465	MO
43-22-9026	FARMLAND DEMONSTRATION	FARM-HAROLD MELIA	TRIMBLE	64492	MO
43-23-9001	ALGOA DAIRY	ALGOA ROAD	JEFFERSON CITY	65101	MO
43-23-9013	G G VANDERFELTZ	R R 3	JEFFERSON CITY	65101	MO
43-23-9034	C T MERTENS	R R 4	CALIFORNIA	65018	MO
43-33-9013	RICHARD RAAP	R R 1	GERALD	63037	MO
43-33-9016	EMERY VIETEN	R R 1	LESLIE	63056	MO
43-33-9020	KARL B ALTHAGE	R R 2	NEW HAVEN	63068	MO
43-33-9025	WILLARD LUECKER	R R 1	NEW HAVEN	63068	MO

TABLE 9.--LIST OF HERD OWNERS (CONTINUED)

HERD CODE	NAME OF OWNER	STREET-ROUTE	TOWN	ZIP-CODE	STATE
43-33-9027	WILFRED DRYER	R R 1	ROBERTSVILLE	63072	MO
43-33-0031	EMIL SPRICK	R R 2	NEW HAVEN	63068	MO
43-33-0040	GILBERT WESSELSCHMIDT	R R 1	NEW HAVEN	63068	MO
43-33-9041	JOHN L & ROBERT BUNGE		NEW HAVEN	63068	MO
43-33-0042	CARL BROS		BERGER	63014	MO
43-35-9023	FRANCIS FRENCH & SON	R R 2	SPRINGFIELD	65800	MO
43-35-0065	GEORGE QUINN	R R 6 BOX 504	SPRINGFIELD	65800	MO
43-35-9069	ROBERT THOMSON JR	R R 2	SPRINGFIELD	65802	MO
43-35-9099	W W BAILEY	ROUTE 2	ROGERSVILLE	65742	MO
43-35-0100	DON SIFFERMAN	ROUTE 1	REPUBLIC	65738	MO
43-35-0109	COX AND DAVIS	ROUTE 2	REPUBLIC	65738	MO
43-35-9116	JAMES MCLEAN	R R 2	REPUBLIC	65738	MO
43-35-0118	CLAUDE BLADES AND SON	R R 1	REPUBLIC	65738	MO
43-35-9121	J BERGLUND	R R 2	SPRINGFIELD	65800	MO
43-40-9002	TOM R MARKT	ROUTE 2	OREGON	64473	MO
43-42-0028	HALL FARMS	R R 1	POMONA	65553	MO
43-44-9077	J B KUNKEL	R R 3	CARTHAGE	64836	MO
43-45-0006	VICTOR AND ERNA MARTIN	R R 1	PEVELY	63070	MO
43-45-0021	LLOYD H HUCKIE	R R 3	IMPERIAL	63052	MO
43-46-9003	WILBER J KEFHART		HOLDEN	64040	MO
43-46-9029	HARLAN E COCHRAN	R R 4	HOLDEN	64040	MO
43-46-0037	CECIL CAMPBELL	R R 4	HOLDEN	64040	MO
43-46-9044	LELAND J STOWELL	R R 1	HOLDEN	64040	MO
43-49-9040	F SILVERTHORN AND SONS	RT 1	WELLINGTON	64097	MO
43-50-0002	WM K DAVIS	R R 1	VERONA	65769	MO
43-50-9036	ELLIOTT JERSEY FARM	R R 1 BOX 209	AURORA	65605	MO
43-50-0057	DALE SPENCER	R R 1	STOTTS CITY	65756	MO
43-50-0065	RENO G KRUEGER	R R 2	VERONA	65769	MO
43-52-0006	CHAMP GOUDHOUD FARMS	R R 1	ELSBERRY	63343	MO
43-58-0025	G B SECKER	PALMYRA ROAD	HANNIBAL	63401	MO
43-58-0043	GEU KELLER	R R 1	PALMYRA	63401	MO
43-65-0017	C A GILMAN	R R	SENECA	64865	MO
43-60-9002	CONCEPTION ABBEY	R R 1	CONCEPTION	64433	MO
43-68-0002	JOHN & WILLIAM FICK	R R 1	FREEBURG	65035	MO
43-68-0005	OTTO REHAGEN AND SONS		FREEBURG	65035	MO
43-71-0007	ROBERT N LUNGAN	R R 3	SEDALIA	65301	MO
43-71-9009	WALLACE F CORDS	R R 1	SEDALIA	65301	MO
43-71-0027	NED MUNSEES	STAR RT	SMITHTON	65350	MO
43-75-0003	GLEN BRESHEARS		HALF WAY	65663	MO
43-75-0041	RIVER FARM		BOLIVAR	65613	MO
43-75-0075	RAYMOND G SECHLER		PLEASANT HOPE	65725	MO
43-75-0087	DONALD DUNSETH		HALF WAY	65663	MO
43-89-9002	BUCKMAN BROS		SHELBYNA	63468	MO
43-92-9002	THE SCHOOL OF THE OZARKS		POINT LOOKOUT	65726	MO
43-92-9003	SCHOOL OF THE OZARK		POINT LOOKOUT	65726	MO
		VAN BUCKMAN R R 1			

TABLE 9.--LIST OF HERD OWNERS (CONTINUED)

HERD CODE	NAME OF OWNER	STREET--ROUTE	TOWN	ZIP--CODE	STATE
43-94-9001	MO STATE HOSPITAL NO 3	DRAWER 308	NEVADA	64772	MI
43-95-0002	WILBERT A HACKMANN		MARTHASVILLE	63357	MO
43-97-9038	DAYBECK JERSEY FARM	R T 2	NIANGUA	65713	MO
45-02-0004	DURWARD OTTERNESS		TOWER CITY	58071	ND
45-02-9006	PAUL CHARNETZKI SR	R R 2	VALLEY CITY	58072	ND
45-02-9019	ROBERT CHRIST JR		WIMBLEDON	58492	ND
45-02-0036	WILLIAM J MILLER	R R 2	VALLEY CITY	58072	ND
45-08-0001	STATE PENITENTIARY		BISMARCK	58501	ND
45-09-9042	NORTH DAKOTA STATE UNIV	DAIRY DEPT	FARGO	58100	ND
45-23-0005	JIM POTTS		LA MOURE	58458	ND
45-37-0007	WALFRED BILLING		ENDERLIN	58027	ND
45-47-0001	STATE HOSPITAL	% FARM MANAGER	JAMESTOWN	58401	ND
45-47-9026	RONALD WOLSKY		KENSAL	58455	ND
45-51-0038	JOHN LOCHTONE	RT 1	MINOT	58701	ND
46-01-0022	GENE HAAGENSEN		BALTIC	57003	SD
46-01-9064	PETER J VIS & SONS		VALLEY SPRINGS	57068	SD
46-01-0067	DUANE L SCHREURS	R R	BALTIC	57003	SD
46-03-0018	PAUL RAMSELL	R 3	HURON	57350	SD
46-03-9033	GLANZER BROS		CARPENTER	57322	SD
46-06-9003	KENNETH A BALO		WHITE	57276	SD
46-12-0002	WILBUR SVANDA	R R 2	TYNDALL	57066	SD
46-15-9005	WILBERT YPPARILA		NEWELL	57760	SD
46-26-0018	HERBERT WENDLAND	R R 2 BOX 110	MILBANK	57252	SD
46-26-9025	HELMUTH STRUBE		BIG STONE CITY	57216	SD
46-26-0042	DONALD L DAVIS	R R	MILBANK	57252	SD
46-26-0076	ARLEN BERWALD	R R	SUMMIT	57266	SD
46-41-9009	MAURICE STAMBAUGH		NISLAND	57762	SD
46-60-9001	R L COTTON	C/O ARNOLD COTTON	PARKER	57053	SD
46-60-9003	MARVIN BULLER		DOLTON	59023	SD
46-60-9006	W D FRIESEN	R R 3	MARION	57043	SD
46-60-9007	LEROY GRABER		MARION	57043	SD
46-60-9012	HAROLD UNRUH		MARION	57043	SD
46-60-0028	EUGENE GRABER	ROUTE 1	FREEMAN	57029	SD
46-60-0036	HENRY LANGREHR		PARKER	57053	SD
46-70-0002	S D STATE TRAINING SCH		PLANKINGTON	57368	SD
46-70-9010	SOUTH DAKOTA STATE UNIV	% DR R J BAKER	BROOKINGS	57006	SD
46-70-0013	S DAKOTA PENITENTIARY	S JOHN DROBNY 911	STIOUX FALLS	57100	SD
46-70-9014	YANKTON STATE HOSPITAL	ARGYLL E CONNER	YANKTON	57368	SD
46-70-9015	REDFIELD ST HOSP & SCH	LOCK DRAWER 410	REDFIELD	57469	SD
47-02-0005	DR KENNETH PIERSON	R R 2	NELIGH	68756	NR
47-02-0007	WAYNE FRY	R R 1	EWING	68735	NR
47-13-0003	CARL DIERKING		OTDE	68417	NR
47-13-0022	OTIS L BOND		AVOCA	68307	NR
47-13-0024	HERMAN DIERKING		SYRACUSE	68446	NR
47-20-9025	HENRY DRUEKE	R R 1 BOX 135	WEST POINT	68788	NR

TABLE 9.--LIST OF HERD OWNERS (CONTINUED)

HERD CODE	NAME OF OWNER	STREET-ROUTE	TOWN	ZIP-CODE	STATE
47-20-0065	CHAPMAN GUERNSEY FARM		NORTH BEND	68649	NB
47-28-9002	FATHER FLANAGANS	BOYS HOME	BOYSTOWN	68010	NB
47-28-9008	R P FLYNN AND SONS	W EUGENE FLYNN R 1	BLAIR	68008	NB
47-28-0058	PETERSON DAIRY FARM		HERMAN	68029	NB
47-28-9075	FRED AND JAN EPPERLE		BENNINGTON	68007	NB
47-28-0080	LYLE URBELONHDE		BENNINGTON	68007	NB
47-28-9089	ROBERTS DAIRY COMPANY	BOX 97	ELKHORN	68022	NB
47-28-0097	LYLE C MOHR	R R 2	OMAHA 42	68100	NB
47-34-9007	FRANCIS P GOIN	R F D 1	WYMORE	68466	NB
47-34-9013	VERNON HUNEKE	ROUTE 2	WILBER	68465	NB
47-34-9016	ALFRED T PENNER	R R 2	SEATRICE	68310	NB
47-34-0043	RAY BRUBAKER		HOLMESVILLE	68374	NB
47-34-0046	RICHARD A HAYS		ODELL	68415	NB
47-41-9009	NORRIS AND ROGER OTTO		PHILLIPS	68865	NB
47-48-9005	HERSCHEL FLOWER		FAIRBURY	68352	NB
47-48-9022	HIRSCHLER DAIRY FARM INC	R R 1	HARBINE	68369	NB
47-48-0023	ROLLIN FORNEY		DAYKIN	68338	NB
47-48-0033	DEYO TRAEGER	R R 4	FAIRBURY	68352	NB
47-55-5005	ROBERT APPELMAN	UNIVERSITY OF NEBR	LINCOLN	68504	NB
47-55-9015	ROBERT NAUMAN	RT 3	LINCOLN	68500	NB
47-55-0065	LYLE J VERGITH AND SONS		MARTELL	68404	NB
47-55-9081	MARVO JERSEYS	R R 1	LINCOLN	68500	NB
47-55-0093	CARL OSSENKOP AND SONS		WALTON	68461	NB
47-55-9109	BOB NEHRBASS		PALMYRA	68418	NB
47-55-9112	NEBRASKA PENAL COMPLEX	BOX 111	LINCOLN	68500	NB
47-55-9115	SKYLINE DAIRY		LINCOLN	68516	NB
47-56-9010	UNIV OF NEBR EXP STATION	4311 GERTIE AVE	NORTH PLATTE	69101	NB
47-60-9047	NORFOLK STATE HOSPITAL	R R 4	NORFOLK	68701	NB
47-61-9002	JOHN AND MARVIN FISHLER		CENTRAL CITY	68826	NB
47-61-9011	RUBEN MEIER	R R 3 BOX 93	GRAND ISLAND	68801	NB
47-61-0039	LERQY W NIETFIELD	R R 1 BOX 247	GRAND ISLAND	68801	NB
47-61-9040	LAURENCE FISHLER	R R 1	CENTRAL CITY	68826	NB
47-69-0005	RICHARD GUSTAFSON		FUNK	68940	NB
47-70-0019	WILBUR H MYERS	R R 1	PLAINVIEW	68769	NB
47-71-0010	EL-CREST FARMS		CRESTON	68631	NB
47-71-0020	NORMAN HELLBUSCH	R R 2	HUMPHREY	68642	NB
47-71-0024	THEO OSTEN	R R 1 BOX 98	COLUMBUS	68601	NB
47-71-0036	ELMER & ROLAND HELLBUSCH	R R 2	HUMPHREY	68642	NB
47-71-0059	IKE ANDERSON		GENOA	68640	NB
47-74-9003	MILTON BLETSCHER		FALLS CITY	68355	NB
47-74-0007	WALTER KOTTICH JR	R R 1	FALLS CITY	68355	NB
47-76-0002	JOHN FREW	R R	CRETE	68333	NB
47-79-9010	SCOTTS-BLUFF EXP STATION		MITCHELL	69357	NB
47-80-0003	LERQY W FICKE	P O BOX 46	MILFORD	69405	NB
47-80-9012	PHILLIPS BROTHERS	RFD 2	BEAVER CROSSING	69313	NB

TABLE 9.--LIST OF HERD OWNERS(CONTINUED)

HERD CODE	NAME OF OWNER	STREET-ROUTE	TOWN	ZIP-CODE	STATE
47-88-0009	THEAD NELSON	R R 2	ORD	68862	NB
47-93-9008	GUSTAV P EPP	R R 1	HENDERSON	68371	NB
48-03-0008	PAUL W HUNTER	R R 2	PARSONS	67357	KS
48-03-0075	WAYNE BANZET	R R 1	CHETOPA	67336	KS
48-03-9106	NORMAN ALLOWAY	R R 2	EDNA	67342	KS
48-05-0003	HAROLD L EWING	R R 1	INDEPENDENCE	67301	KS
48-08-9003	IVAN STRICKLER		IOLA	66749	KS
48-08-0035	JOHN W LUST	R R 2	IOLA	66749	KS
48-08-0038	CARL C CONGER	R R 2	IOLA	66749	KS
48-10-9008	ALBERT J WINN	R R 2	BURLINGTON	66839	KS
48-10-0046	RAY SCOTT		LEBO	66856	KS
48-13-9008	J LAWTON STOKER	R 1	LA CYGNE	66040	KS
48-13-9051	GEORGE PRETZ	RT 1	OSAWATOMIE	66064	KS
48-13-9059	HAROLD F PEUSER	R R 5	PAOLA	66071	KS
48-14-0001	HAROLD E JOHNSON	R R 4	OTTAWA	66067	KS
48-14-9010	G E MARTIN & SONS		OVERBROOK	66524	KS
48-14-0016	DONALD AND ESTHER ALFORD	ROUTE 2	LAWRENCE	66044	KS
48-14-9020	F R WEMPE	R R 1	LAWRENCE	66044	KS
48-14-0028	H A JONES	R R 1	POMONA	66076	KS
48-14-0037	DILLON BROS	R R 1	POMONA	66076	KS
48-14-0040	PAGE BROS	R R 3	OTTAWA	66067	KS
48-14-9045	MRS YVONNE & RUGER THORN		WELLSVILLE	66092	KS
48-14-0117	WAYNE ANDERSON	R R 2	OTTAWA	66067	KS
48-14-0129	RAYMOND G RUMFORD	R R 2	OTTAWA	66067	KS
48-16-9022	VERNON MORRELL		BLUE MOUND	66010	KS
48-19-9016	JOHN WEIR JR	R R 2	GEUDA SPRINGS	67051	KS
48-19-9034	LOYD P CALL & SONS	ROUTE 2	CEDAR VALE	67024	KS
48-20-9019	CHARLES D GRISHAM	R R 1	EL DORADO	67042	KS
48-20-0060	WILLIAM F RUSSELL	R R 2	EUREKA	67045	KS
48-21-9006	PAUL O KAUFMAN		MOUNDRIDGE	67107	KS
48-21-0049	AMBRUSE PETERSON	R R 3	MCPHERSON	67460	KS
48-21-0051	WIEBE BROS		CONWAY	67434	KS
48-21-0079	ELMER & GENE KNACKSTEDT	R R 2	INMAN	67546	KS
48-22-0011	CEE JAY FARM DATRY	% DON PAULEY R R 1	NEWTON	67114	KS
48-22-0012	SAURWEIN BROS	R R 4	NEWTON	67114	KS
48-22-9037	ROBERT H SIEMENS	R R 2	HALSTEAD	67056	KS
48-22-0038	WALTER E LEHMAN	R R 1	NEWTON	67114	KS
48-22-0081	HAROLD GRABILL	R R 1	SEDGWICK	67135	KS
48-23-9001	LESTER AND DELMAR CONNER	RT 1 BOX 119	LYONS	67554	KS
48-23-9019	CHESTER DE WERFF & SONS	R R 2	ELLINWOOD	67526	KS
48-23-9042	EUGENE COLLE		STERLING	67579	KS
48-23-9046	EDWARD A REED	R R 2	LYONS	67554	KS
48-24-9001	C K JONES		COTTONWOOD FALLS	66845	KS
48-24-0002	JOHN E BURTON		COTTONWOOD FALLS	66845	KS
48-26-9004	HARLEY AND DONALD MARTIN	R R 2 BOX 38	LARNED	67550	KS

TABLE 9.--LIST OF HERD OWNERS (CONTINUED)

HERD CODE	NAME OF OWNER	STREET-ROUTE	TOWN	ZIP-CODE	STATE
48-26-0006	HAROLD HAUN AND SONS	RT 1	LARNED	67550	KS
48-26-9010	HERB BOWMAN	R R 2 BOX 89	LARNED	67550	KS
48-26-0013	WM IRION	R R	GARFIELD	67529	KS
48-26-0033	ELRED BURKHART AND SONS	RT 2	KINSLEY	67547	KS
48-26-9046	GUY R BEER	R R 3	LARNED	67550	KS
48-28-9030	DONALD B FISHER	BOX 245	ST JOHN	67576	KS
48-34-9026	EXPERIMENT STATION	ALF MEAD SWISS FM	GARDEN CITY	67846	KS
48-34-0045	DONALD E MILLER	R R 1	DODGE CITY R R 1	67801	KS
48-34-0062	GARDINER DAIRY FARM		GARDEN CITY	67846	KS
48-44-0037	GENE DAY		LANGDON	67549	KS
48-44-9071	WALLACE MCNEW	R R 2	HUTCHINSON	67501	KS
48-44-0102	BLANK FARMS	R R 3	HUTCHINSON	67501	KS
48-44-9117	BARKER BROS	R R	PRATT	67124	KS
48-44-0126	HARRY GUERING	R R 1	PRETTY PRAIRIE	67570	KS
48-44-9133	MAHLON MILLER	R R 1	HUTCHINSON	67501	KS
48-44-9163	C C LEWIS & SONS	R R 4	PRATT	67124	KS
48-44-0170	VALLEY VIEW FARM	MELVIN	KINGMAN	67068	KS
48-44-0172	PAUL DEAN KREHBIEL	R R 3	KINGMAN	67068	KS
48-45-9029	HEERSCHKE BROS	R R 1	MULVANE	67110	KS
48-45-9030	WALTER HAND AND SONS		MULVANE	67110	KS
48-45-9065	LAWRENCE GIRRENS	R D 1	GODDARD	67052	KS
48-46-9010	LUTHER SHFTLAR	R R 2	CONWAY SPRINGS	67031	KS
48-50-0030	PLEASANT VALLEY	HOLSTEIN FARM INC	HARPER	67058	KS
48-50-0033	ELLIS YODER	BI-MO	CRYSTAL SPRINGS	67033	KS
48-68-9009	HIGHER VIEW DAIRY FARM		HAYS	67601	KS
48-68-9022	DELBERT WALTERS	CATHERINE ROUTE	HAYS	67601	KS
48-71-0016	W E MOBERLY	R R 2	AMES	66931	KS
48-71-0056	KENNETH SHERWOOD FAMILY	R R 2	CONCORDIA	66901	KS
48-71-0057	CLIVE R SHELLEY	R R 2	JAMESTOWN	66948	KS
48-72-0006	HERBERT HATESOHL		GREENLEAF	66943	KS
48-72-9017	MERLIN FRERKING	R R 3	HERKIMER	66433	KS
48-72-0018	PLEGGE BROS	R R 3	MARYSVILLE	66508	KS
48-72-0063	ROY JUNIOR HAMEL		CLIFTON	66937	KS
48-75-0001	GLENN MCCORMICK		CEDAR	67628	KS
48-75-0003	LOUIS PLATT		LEBANON	66952	KS
48-77-9013	WILSON BROTHERS	R R 2	LINCOLN	67455	KS
48-77-0040	DELBERT RAHMEIER	R R 3	SYLVAN GROVE	67481	KS
48-79-9007	MCDOWELL BROTHERS	R R	SALINA	67401	KS
48-79-9009	J W CARLIN AND SON	R R 1	SMOLAN	67479	KS
48-79-9014	SCHNEIDER BROS		SALINA	67401	KS
48-79-9017	FORSBERG BROS	% KURT FORSBERG RR	ASSARIA	67416	KS
48-79-0025	BROWN BROS	R R 1	SMOLAN	67479	KS
48-79-0026	MCKRISON BROS	R R 2	SALINA	67401	KS
48-79-9038	LAWRENCE MAYER	R R	GYPSUM	67448	KS
48-79-0044	MARION ANDERSON & SON		SMOLAN	67479	KS

TABLE 9.--LIST OF HERD OWNERS(CONTINUED)

HERD CODE	NAME OF OWNER	STREET-ROUTE	ADDRESS OF OWNER	TOWN	ZIP-CODE	STATE
48-80-9030	QUINN STEENBOCK & SONS			MANCHESTER	67463	KS
48-80-0031	ELERY BENINGA			RILEY	66531	KS
48-81-0059	NOBLE FREY	R R 4		ABILENE	67410	KS
48-81-0061	DELBERT SMITH	R R 2		ENTERPRISE	67441	KS
48-81-0064	HAROLD SCANLAN	R R 1		ABILENE	67410	KS
48-81-0073	DEAN ROBSON	R R 3		ABILENE	67410	KS
48-82-0012	LLOYD REMPEL & SONS	R R 1 BOX 65		HILLSBORO	67063	KS
48-82-9016	CHESTER O UNRUH	ROUTE 3 BOX 20		HILLSBORO	67063	KS
48-82-9026	LAUREN W ENNS	R R 3 BOX 39		HILLSBORO	67063	KS
48-82-0033	ELDON E SCHMIDT	R R 1 BOX 2A		LEHIGH	67073	KS
48-84-0029	FRANKLIN MYERS	R R 1		AMERICUS	66835	KS
48-86-0021	WESLEY NAUERTH	R R 2		MANHATTAN	66502	KS
48-86-9026	HERBERT OLSON	R R 1		ALTA VISTA	66834	KS
48-86-9027	DAVID SCHURLE	R R 1		MANHATTAN	66502	KS
48-86-0029	MARVIN GOFF	R R 1		MANHATTAN	66502	KS
48-88-9031	CLARENCE TURKELSON	R R 5		HIAWATHA	66434	KS
48-88-0054	SAMUEL D BOWEN	R R 3		HIAWATHA	66434	KS
48-88-0075	KENNETH KNUDSON	R R 1		WILLIS	66096	KS
48-88-0084	BERNARD MENG	R R 1		TROY	66087	KS
48-89-9008	WALTER ROTTINGHAUS	R R		SENECA	66538	KS
48-89-0013	HAROLD R KESLER	R D		SABETHA	66534	KS
48-89-9014	E J MONTGOMERY	R R 4		SABETHA	66534	KS
48-89-9015	MATTHIAS ROEDER			SENECA	66538	KS
48-89-0025	EDWIN HOLTHAUS	R R		SOLDIER	66540	KS
48-89-0032	W J BUESSING	R R		BAILEYVILLE	66404	KS
48-91-0002	ED D & MYRON SCHMIDT	R R 2 BOX 183		NEWTON	67114	KS
48-91-9031	LLOYD A FUNK	R R 1 BOX 95		HILLSBORO	67063	KS
48-92-0056	ELDON JOHNSTON	R 1		GRANTVILLE	66429	KS
48-92-0069	ROBIN DEE LEACH			LINWOOD	66052	KS
48-93-0044	HOWARD SHAW	R R 2		HOLTON	66436	KS
48-95-9010	GLENN A PALMER	R R 1		TOPEKA	66600	KS
48-95-9043	JOSEPH KOCH	R D 9		TOPEKA	66600	KS
48-95-0062	DELBERT R CLARK			BERRYTON	66409	KS
48-96-9011	ANDYACRES HOLSTEIN FARM	R R 2		WHITE CITY	66872	KS
48-96-0043	E T AND JON COMP	R R 1		WHITE CITY	66872	KS
48-97-0016	PENITENTIARY DAIRY			LANSING	66043	KS
48-97-9036	WALTER WOHLTZ	ROUTE 1		EFFINGHAM	66023	KS
48-99-0027	ELDON MORRISON	R R 2		SPRINGHILL	66083	KS
48-99-9040	CHASE WILSON	3417 W 71 ST		PRAIRIE VILLAGE	66200	KS
50-10-0001	NELSON, PAUL L.	R D 3		NEWARE	19711	DE
50-10-0007	UNIVERSITY OF DELAWARE	ATT G F W HAENLEIN		NEWARE	19711	DE
50-10-0013	PASSMORE, WILLS	R D 1 BOX 64		TOWNSEND	19734	DE
50-10-9014	PHIPPS, W. L. AND SON	R D 101 OWLS NEST		WILMINGTON	19800	DE
50-10-0020	BUENA VISTA FARM	BOX 3780		WILMINGTON	19800	DE
50-10-0024	PIERSON, PHILIP			HOCKESSIN	19707	DE

TABLE 9.--LIST OF HERD OWNERS (CONTINUED)

HERD CODE	NAME OF OWNER	STREET-ROUTE	TOWN	ADDRESS OF OWNER	ZIP-CODE	STATE
50-10-9027	COOK, H. WALLACE & SON	R D 2	ELKTON		21921	MD
50-10-0074	SHEATS, EARL L.	ROUTE 1	MIDDLETOWN		19709	DE
50-10-0082	COLLINS, GILBERT L.	R D 2	MIDDLETOWN		19709	DE
50-10-0084	SHEATS, PHIL	R D 2	MIDDLETOWN		19709	DE
50-10-0087	KUX, WILLIAM	AUGUSTINE CREEK FA	PORT PENN		19731	DE
50-10-0095	KOELIG, J. OLIVER	R D 2	NEWARK		19711	DE
50-20-0021	HAAS, WOODROW	RD	WYOMING		19934	DE
50-20-0023	DIXON, SAM	R D 1	CLAYTON		19938	DE
50-20-0025	BLENDT, CHARLES C.	RD	SMYRNA		19977	DE
50-20-0034	KOZICKI, HENRY	RD	CLAYTON		19938	DE
50-20-0073	CAIN, DELBERT	R D 2	HARRINGTON		19952	DE
50-20-0074	STAFFORD, MARY	R D 3	HARRINGTON		19952	DE
50-20-0093	ROBBINS, DAVID	R D 3	MILFORD		19963	DE
50-20-0095	LARMAC FARM	HAZLETVILLE RD	DOVER		19901	DE
50-20-0134	DAVIS, C. ALLEN	R D 1	CLAYTON		19938	DE
50-30-0003	BROOKS, JAMES		MILTON		19968	DE
50-30-0006	OCKELS DAIRY FARMS	1000 OCKELS DRIVE	SEAFORD		19973	DE
50-30-0009	BAILEY, J. E. & SONS INC		FEDERALSBURG		21632	MD
50-30-0016	WEBB, L. ROBBINS	BOX 92	LINCOLN		19960	DE
50-30-0021	HUDSON, WILLIAM & SONS	R D 1	MILTON		19968	DE
50-30-0032	WILKINS, HOWARD E.	BOX 50	MILFORD		19963	DE
50-30-0050	CRESS, ELDRED		FRANKFORD		19945	DE
50-30-9058	BRYAN, HOMER		LEWES		19958	DE
50-30-0064	VANDERWENDE, WILLIAM		BRIDGEVILLE		19933	DE
51-01-9026	DAIRY CATTLE RESEARCH		BELTSVILLE		20705	MD
51-02-9026	F & R F JR. ARMACOST		UPPERCO		21155	MD
51-02-0035	CLOVERLAND DAIRY FARMS		PHOENIX		21131	MD
51-02-9040	H B MILLHAUSER		REISTERSTOWN		21136	MD
51-02-0041	JAMES W ARMACOST		UPPERCO		21155	MD
51-02-9125	C H STREETT, KULK FARM	MANOR ROAD	LONG GREEN		21092	MD
51-02-9135	MILTON G WHITE JR.		HYDE		21082	MD
51-02-0144	BILLY NELSON		WHITE HALL		21161	MD
51-03-0002	FERDINAND NAGEL	BOX 381 RFD 2	FEDERALSBURG		21632	MD
51-03-0011	BROOKS NAGEL & SON		PRESTON		21655	MD
51-03-0027	WILLIAM E. MEREDITH	RD 2, BOX 244	FEDERALSBURG		21632	MD
51-03-0028	THOMAS TODD, JR.		FEDERALSBURG		21632	MD
51-03-9068	J. HANSEN HOFFMAN		RIDGELY		21660	MD
51-04-0035	ROGER MYERS	RFD 6	WESTMINSTER		21157	MD
51-04-0036	ROLAND POOL	RFD 4	WESTMINSTER		21157	MD
51-04-0037	DONALD DELL	RFD 3	WESTMINSTER		21157	MD
51-04-0048	CARROLL M. WILHIDE	KEY-DE-BLUE FARM	DETOUR		21725	MD
51-04-0140	ANDREW BAUGHMAN	RD 2	TANEYTOWN		21787	MD
51-04-0169	HERBERT WESSEL	RFD 2	HAMPSTEAD		21074	MD
51-04-0181	MARLIN HOFF	RD 2	NEW WINDSOR		21776	MD
51-04-5197	R B & J W RINEHART	RFD 1	LITTLESTOWN		17340	PA

TABLE 9.--LIST OF HERD OWNERS(CONTINUED)

HERD CODE	NAME OF OWNER	STREET-ROUTE	TOWN	ZIP-CODE	STATE
51-04-0224	HAROLD B. YOUNG & SONS	RFD 1	TANEYTOWN	21787	MD
51-04-0228	JAMES STONESTIFER	RFD 7 BOX 140	WESTMINSTER	21157	MD
51-04-0255	ROBT E & NORMAN BASSLER	WHITE HALL FARM	NEW WINDSOR	21776	MD
51-05-0022	MILTON M BROWN	RD 1	CECILTON	21913	MD
51-05-0056	ALFRED T CROTHERS		RISEING SUN	21911	MD
51-05-0098	JOSEPH W URR SR.		RISEING SUN	21911	MD
51-05-0110	WILLARD R LANE	RD 2	RISEING SUN	21911	MD
51-05-0131	CHRISTIAN STROHMAIER	RD	RISEING SUN	21911	MD
51-05-0132	GEORGE C FRY		EARLEVILLE	21919	MD
51-05-0134	FRED H LIESKE & SON	RD 1	RISEING SUN	21911	MD
51-05-0136	GORDON JESS		EARLEVILLE	21919	MD
51-06-0010	ENGLISH BROTHERS		VIENNA	21869	MD
51-06-0019	RAWLINGS APPLE	RD 1, BOX 140	VIENNA	21869	MD
51-06-0030	GEORGE NABB	ROUTE 2	CAMBRIDGE	21613	MD
51-07-0011	WRIGHT & ZIGLER	104 NORTH COURT ST	FREDERICK	21701	MD
51-07-0023	AUSTIN & WALKER COBLENTZ	RT. 1 BOX 155A	JEFFERSON	21755	MD
51-07-0027	J. WILMER HOUSE	RFD	MIDDLETOWN	21769	MD
51-07-0028	JOSEPHUS T. HUFFER	RT. 2	MIDDLETOWN	21769	MD
51-07-0029	HICKORYVALE FARM	RT. 2	MIDDLETOWN	21769	MD
51-07-0031	FRANK G. REMSBERG	RT. 2	MIDDLETOWN	21769	MD
51-07-0040	C. LESTER DUDROW		LIME KILN	21763	MD
51-07-0109	JAMES M. STUP		WALKERSVILLE	21793	MD
51-07-0135	EDWARD L. MEADOWS		EMMITSBURG	21727	MD
51-07-0140	CLARKE & BEATRICE TOMS	RT. 1	FREDERICK	21701	MD
51-07-0161	J. FRED GROOMES	RT. 4	MT. AIRY	21771	MD
51-07-0164	WILLIAM C. KEPLER		MIDDLETOWN	21769	MD
51-07-0180	RICHARD R REMSBURG	RFD	JEFFERSON	21755	MD
51-07-0184	KENNETH BURRIER	RT 1	UNION BRIDGE	21791	MD
51-07-0236	ALLEN BROTHERS	RFD	JEFFERSON	21755	MD
51-07-0242	PAUL H CLEMSON JR.	RT 2	FRDERICK	21701	MD
51-07-0283	JANICE P NICHOLSUN	RT 2	TANEYTOWN	21787	MD
51-07-0297	T M KLING & SON	RT 1	ADAMSTOWN	21710	MD
51-07-0347	HAROLD DOUSON	RT 2	UNION BRIDGE	21791	MD
51-07-0390	GLEN E MORROW	1026 17TH STREET	WASHINGTON 6	20000	DC
51-07-0394	DONALD L WILCOM		IJAMSVILLE	21754	MD
51-07-0407	KEUREN M LOCKE	RT 6	FREDERICK	21701	MD
51-07-0409	CHARLES A WILES	RFD 2	FREDERICK	21701	MD
51-08-0005	CRIST H YODER		GRANTSVILLE	21536	MD
51-08-0006	PAUL A MAUST		GRANTSVILLE	21536	MD
51-08-0023	ROSS GROWE		OKLAND	21550	MD
51-08-0066	UREN BENDER	RT 2	ACCIDENT	21520	MD
51-08-0075	WILLIS MAUST		ACCIDENT	21520	MD
51-08-0079	NORMAN L YODER		MEYERSDALE	15552	PA
51-08-0090	KENNETH L YODER	RD 1	MCHENRY	21541	MD
51-08-0105	EZRA P YODER	RD 2	GRANTSVILLE	21536	MD

TABLE 9.--LIST OF HERD OWNERS (CONTINUED)

HERD CODE	NAME OF OWNER	STREET-ROUTE	TOWN	ZIP-CODE	STATE
51-08-9117	G & E CATTLE COMPANY INC		ACCIDENT	21520	MD
51-09-0001	W. N. UMBARGER & SON		ABERDEEN	21001	MD
51-09-0050	EDWARD RAHL	PUTNAM ROAD	FOREST HILL	21050	MD
51-09-0054	RUSS S. TODD	RT. 2 BOX 300	BEL AIR	21014	MD
51-10-0005	DAVID & JAMES PATRICK		WOODBINE	21797	MD
51-10-9018	C ELLSWORTH IAGER		FULTON	20759	MD
51-10-9098	UNIV OF MARYLAND	FORAGE RES FRM	ELLCOTT CITY	21042	MD
51-11-0005	ANDELOT INCORPORATED		WORTON	21678	MD
51-11-0034	H JULIAN HILL	RFD	KENNEDYVILLE	21645	MD
51-11-9073	R S TARBUTTON		KENNEDYVILLE	21645	MD
51-11-0109	STUART GROVES		KENNEDYVILLE	21645	MD
51-11-9115	WILLIAM L MCDANOLDS		STILL POND	21667	MD
51-11-0117	JOHN D FERNKALT JR.		KENNEDYVILLE	21645	MD
51-11-9122	EDWIN C FRY	RD 1	CHESTERTOWN	21620	MD
51-11-0126	WILLIAM KENT DULIN	RFD	WORTON	21678	MD
51-11-9150	G P MCDANOLDS JR.	RD	WORTON	21678	MD
51-12-0024	MARION LEE HOLLAND		POCOMOKE CITY	21851	MD
51-13-9002	GARRETT BROTHERS	10810 DARNSTOWN RD	ROCKVILLE	20854	MD
51-13-9035	CHARLES SAVAGE	RD 1	GAITHERSBURG	21760	MD
51-13-0040	GEORGE CRAWFORD	BOX 257	GERMANTOWN	20767	MD
51-13-9135	LESLIE C. KING		CLARKSBURG	20734	MD
51-13-0188	J. A. SCHWARTZBECK, JR.	RT 3 QUINCE ORC RD	GAITHERSBURG	20767	MD
51-15-0105	F REED LEAVERTON		CENTREVILLE	21617	MD
51-15-0120	DONALD POOLE	RD 1 BOX 40-A	CENTREVILLE	21617	MD
51-15-0121	LLOYD & MARION ANDREW	RT 1	CENTREVILLE	21617	MD
51-17-0004	GEORGE STILES	RT. 1	BOONSBORO	21713	MD
51-17-0008	NORMAN E. EBY	RT. 4	HAGERSTOWN	21740	MD
51-17-0039	GEORGE S. KEENER	RT. 2	HAGERSTOWN	21740	MD
51-17-0058	J. W. & S. M. GRAVES	RT. 1	CLEAR SPRING	21722	MD
51-17-0082	PRESTON M. HORST	RT. 4	HAGERSTOWN	21740	MD
51-17-0108	BROOKLAWN FARMS	RFD 1	HAGERSTOWN	21740	MD
51-17-0131	WILBUR TRUMPOWER	RT 1	CLEAR SPRING	21722	MD
51-17-0158	RUGER S HORNBAKER	RT 1	WILLIAMSPORT	21795	MD
51-17-0163	CHARLES STILES	RT 2	BOONSBORO	21713	MD
51-17-0188	TRUTH FOR YOUTH SCHOOL	RT 4	HAGERSTOWN	21740	MD
51-17-0197	LEONARD E LOWRY	RT 4	HAGERSTOWN	21740	MD
52-04-0010	EGGLESTON DRY FM	MORRIS & SONS RT 2	AMELIA	23002	VA
52-04-0011	CHARLES F MUYER	ROUTE 4	AMELIA	23002	VA
52-04-0012	W R & T C REAMES	ROUTE 1	AMELIA	23002	VA
52-05-0002	D H DILLARD	HOMWOOD FRMS	MONROE	24574	VA
52-07-0010	A F WEAVER AND SONS		WAYNESBORO	22980	VA
52-07-0021	ARTHUR V BARTENSLAGER		CHURCHVILLE	24421	VA
52-07-0034	MAPLE LAWN DAIRY		FISHERSVILLE	22939	VA
52-07-0044	HARGOLD W ROLLER	RALPH SIMMONS RT 1	WEYERS CAVE	24486	VA
52-07-0106	MARCUS I MILLER	ROUTE 1	WEYERS CAVE	24486	VA

TABLE 9.--LIST OF HERD OWNERS (CONTINUED)

HERD CODE	NAME OF OWNER	STREET-ROUTE	TOWN	ZIP-CODE	STATE
52-15-0008	H T PATRICK AND SON		RUSTBURG	24588	VA
52-23-0006	WADE JENKINS JR	RT 2	CULPEPER	22701	VA
52-23-0011	BEAUREGARD STOCK FARM		BRANDY STATION	22714	VA
52-23-0035	JOHN M WILLIS	BOX 788	CULPEPER	22701	VA
52-23-0039	EARL S HAWKINS	ROUTE 2	CULPEPER	22701	VA
52-23-0042	JOHN A HUNT	LOCUST HILL FARM	CULPEPER	22701	VA
52-23-0074	FLOYD BROS		BRANDY STATION	22714	VA
52-26-0002	T T LEE JR & BROS	R F D 1	DEWITT	23840	VA
52-26-0015	J G ZEHMER		MCKENNEY	23872	VA
52-28-0005	MANAGER FRANKLIN FARMS	3227 CENTERVILLE RD	HERNDON	22070	VA
52-29-0002	J W & L L DAY		MIDLAND	22728	VA
52-29-0003	J W & J N EUSTACE	WILLOWLYN FARMS	CATLETT	22019	VA
52-29-0040	JOSEPH E WIGHT JR	R F D	REMINGTON	22734	VA
52-29-0108	JOACHIM H KRUEGER	ELBE FARM	CALVERTON	22016	VA
52-32-0008	E CLINE BRUBAKER	ROUTE 4	ROCKY MOUNT	24151	VA
52-32-0035	WILLIAM & WALTER KINGERY	ROUTE 1	ROCKY MOUNT	24151	VA
52-32-0038	O H SINK AND SONS	ROUTE 1	ROCKY MOUNT	24151	VA
52-33-0019	R Y STILES & SONS	WAVERLY FARM	CLEAR BROOK	22624	VA
52-43-6015	W J BURLEE JR	ROUTE 5	RICHMOND	23231	VA
52-51-0001	J F CHASE & SON	BUNKER HILL FARM	WHITE STONE	22578	VA
52-53-0067	JOHN D ARCHBOLD	FOXLEASE FARM	UPPERVILLE	22176	VA
52-53-0075	CENTER FIELD FARM	H RALPH FIELDS	PURCELLVILLE	22132	VA
52-53-0080	MRS R E MCOMB & SON		PURCELLVILLE	22132	VA
52-53-0091	TRIVELDA FARMS		THE PLAINS	22171	VA
52-53-0114	C R FLETCHER		ASHBURN	22011	VA
52-53-0126	ROBERT K REID	BOX 86	PURCELLVILLE	22132	VA
52-53-0163	JERRY MICHAEL	228 N EDGEWOOD ST	ARLINGTON	22201	VA
52-53-6203	ROUND OAK FARM # 2	RONALD A HOPE	PURCELLVILLE	22132	VA
52-56-0034	HARRY R JOHNSTON	RIVERSIDE FARM	LOCUST DALE	22948	VA
52-59-0001	E C ANDERSON		WAKE	23176	VA
52-60-0002	W R GREER		RINER	24149	VA
52-60-0007	G WESTON WALL	ROUTE 2	BLACKSBURG	24060	VA
52-60-0010	DALE D TEEL	ELM DRIVE	CHRISTIANBURG	24073	VA
52-60-0011	O D ROSS	WALNUT GROVE FARM	SHAMSVILLE	24162	VA
52-60-0015	CLOYD C SHELBURNE	ROUTE 1	CHRISTIANSBURG	24073	VA
52-60-0021	VA AGR EXP STATION	VPI DRY SCI DEPT	BLACKSBURG	24060	VA
52-60-0027	MR KYLE N BISHOP	ROUTE 2	RINER	24149	VA
52-67-0004	J W & J F HAMELTON		BURKEVILLE	23922	VA
52-67-0029	M B FARRAR		BURKEVILLE	23922	VA
52-68-0004	HOMWOOD FARM	% WALTER J WATKINS	ORANGE	22960	VA
52-68-6007	R F HILL JR & SON	BERRY HILL FARM	ORANGE	22960	VA
52-68-0011	J E TAYLOR	MEADOW FARM	ORANGE	22960	VA
52-68-0020	WYATT A WILLIAMS	YATTON FARM	ORANGE	22960	VA
52-71-0007	NORMAN NEAL & NORMAN	ROUTE 1	CHATHAM	24531	VA
52-72-0012	R J WILLIS	POLAND FARM	POWATAN	23139	VA

TABLE 9.--LIST OF HERD OWNERS (CONTINUED)

HERD CODE	NAME OF OWNER	STREET-ROUTE	TOWN	ADDRESS OF OWNER	ZIP-CODE	STATE
52-73-0002	W B BASS	M W CLEMENTS MGR	RICE	RICE	23966	VA
52-74-0001	BRANDON FARM ATTN	LEA ACRE FARM	SPRING GROVE	SPRING GROVE	23881	VA
52-75-0006	KINCHELDE & MICHAEL	ROUTE 1 BOX 416	NOKESVILLE	NOKESVILLE	22123	VA
52-75-0010	HARVEY SMITH		MANASSAS	MANASSAS	22123	VA
52-75-0027	CLOVER HILL FARM				22110	VA
52-75-0040	HARRY M MILLER & SON	P O BOX 2491	NOKESVILLE	NOKESVILLE	22123	VA
52-76-0003	BAYVILLE FARM INC	ROUTE 2	NORFOLK 1	NORFOLK 1	23501	VA
52-77-0011	L B TRIGG	ATT J W JAMISON	RADFORD	RADFORD	24141	VA
52-80-0011	HOLLINS COLLEGE	TOTERA FARM	HOLLINS COLLEGE	HOLLINS COLLEGE	24020	VA
52-80-0019	W D VINYARD		VINTON	VINTON	24179	VA
52-81-0008	FAIRFIELD DAIRY FARM	C G SMITH & SON	FAIRFIELD	FAIRFIELD	24435	VA
52-82-0001	JOHN H ALGER		BROADWAY	BROADWAY	22815	VA
52-82-0002	J O BEARD	ROUTE 1	LINVILLE	LINVILLE	22834	VA
52-82-0003	SHEN-ROCK HOLSTEIN	DAIRY FARM RT 2	MCGATHEYSVILLE	MCGATHEYSVILLE	22840	VA
52-82-0010	WAMPLER AND GARDNER		BRIDGEWATER	BRIDGEWATER	22812	VA
52-82-0012	MIKE S LISKEY & SON	ROUTE 5	HARRISONBURG	HARRISONBURG	22801	VA
52-82-0015	ANDRICK AND WHISSEN	ROUTE 5	BROADWAY	BROADWAY	22815	VA
52-82-0018	SEM W SHOPE	ROUTE 4	HARRISONBURG	HARRISONBURG	22801	VA
52-82-0024	JOHN D MYERS	R F D 1	HARRISONBURG	HARRISONBURG	22801	VA
52-82-0026	D W BRUBAKER		DAYTON	DAYTON	22821	VA
52-82-0027	NORMAN R SHANK	ROUTE 4	HARRISONBURG	HARRISONBURG	22801	VA
52-82-0030	GEORGE MILLER	NOVER FARMS	BRIDGEWATER	BRIDGEWATER	22812	VA
52-82-0057	A M FUNKHOUSER	RT 1 BOX 138	MC GAHEYSVILLE	MC GAHEYSVILLE	22840	VA
52-82-0064	ELDON L SHANK	ROUTE 1	MT CRAWFORD	MT CRAWFORD	22841	VA
52-82-0065	JOHN D SHANK		PENN LAIRD	PENN LAIRD	22846	VA
52-82-0080	SHIRLEY F SMITH	ROUTE 1	WEYERS CAVE	WEYERS CAVE	24486	VA
52-82-0088	PAUL J SIMMERS & SON	ROUTE 1	DAYTON	DAYTON	22821	VA
52-82-0089	LAND LEA FARM	ROUTE 4 BOX 271	HARRISONBURG	HARRISONBURG	22801	VA
52-83-0008	ELK GARDEN DAIRY		LEBANON	LEBANON	24266	VA
52-85-0007	W H LOGAN		WOODSTOCK	WOODSTOCK	22664	VA
52-85-0033	J A KINCAID	MT AIRY FARM	MT JACKSON	MT JACKSON	22842	VA
52-86-0009	RICHARDSON BROTHERS	ROUTE 3	MARION	MARION	24354	VA
52-92-0001	LEATHERWOOD FARM	AUBREY BREWERY	BLUEFIELD	BLUEFIELD	24605	VA
52-95-0007	E C DENTON	ROUTE 4	ABINGDON	ABINGDON	24210	VA
52-95-0030	B M ARRINGTON JR	ROUTE 2	GLADE SPRING	GLADE SPRING	24340	VA
52-95-0058	JAMES J MILLARD		MENDOTA	MENDOTA	24270	VA
52-98-0003	L J CROWGEY	ROUTE 1 BOX 58	WYTHEVILLE	WYTHEVILLE	24382	VA
52-98-0004	R R CROWGEY	ROUTE 1 HAM FARM	WYTHEVILLE	WYTHEVILLE	24382	VA
52-98-0026	CHARLES A STEFFEY	ROUTE 1	RURAL RETREAT	RURAL RETREAT	24368	VA
52-98-0034	HURACE B SHARITZ	ROUTE 4 BOX 64	WYTHEVILLE	WYTHEVILLE	24382	VA
54-02-9029	BUTLER, ROBERT S.	ROUTE 3	MARTINSBURG	MARTINSBURG	25401	WV
54-02-0033	MCCORMICK, EARL H.	R F D 4	MARTINSBURG	MARTINSBURG	25401	WV
54-02-0054	HORST, IRVIN	POTOMAC RIVSIDE FM	HEDGESVILLE	HEDGESVILLE	25427	WV
54-10-9002	JONES, HERBERT E. SR.	ATT A PACE LUNDALE	OAK HILL	OAK HILL	25901	WV
54-13-0008	DUTSON, TOM & SONS	BOX 848	LEWISBURG	LEWISBURG	24901	WV

TABLE 9.--LIST OF HERD OWNERS(CONTINUED)

HERD CODE	NAME OF OWNER	STREET-ROUTE	ADDRESS OF OWNER	TOWN	ZIP-CODE	STATE
54-13-0013	JACKSON, NETTIE MISS	BOX 848	LEWISBURG	24901	WV	
54-13-9016	KIDD, EARL	WOOD ACRES FARM	MAXWELTON	24957	WV	
54-13-9024	MONTGOMERY, GUY B. ESTAT	MORNING SIDE FARM	RONCEVERTE	24970	WV	
54-13-0052	MILLER, R H & SON	R D 1 BOX 136	MEADOW BLUFF	24958	WV	
54-17-9014	LAW, Z. W.		BRIDGEPORT	26330	WV	
54-17-0036	HINES, CHARLES J.	RFD 1	LUMBERPORT	26386	WV	
54-17-0039	CURRY, H. T.	ROUTE 2	JANE LEW	26378	WV	
54-19-0003	BANE, ROGER Z.	R F D	SUMMIT POINT	25446	WV	
54-19-9029	WALKER, WILLIAM E.		SHEPANDOAH JCT	25442	WV	
54-19-0042	DONLEY, SAMUEL JR.	R F D	SHEPHERDSTOWN	25443	WV	
54-19-9069	ORILAKE FARM	R F D 2 BOX 113	CHARLESTOWN	25414	WV	
54-27-0023	WEAVER, H. MARCUS	ROUTE 2	LETART	25253	WV	
54-27-0029	LAKIN STATE HOSPITAL FAR		LAKIN	25250	WV	
54-27-9063	OLDTOWN FARM INC. 2	ROUTE 1 BOX 79	POINT PLEASANT	25550	WV	
54-31-9016	REYMANN MEMORIAL AYR	W VA UNIV DRY DEPT	MORGANTOWN	26500	WV	
54-31-9024	WEST VIRGINIA UNIVERSITY	DAIRY DEPT	MORGANTOWN	26500	WV	
54-32-0014	CAMPBELL, C D & VA C	R F D 2	SINKS GROVE	24976	WV	
54-32-0032	BENNETT BROTHERS	PHILIP & LLOYD	BALLARD	24918	WV	
54-35-0019	LEE ANN DAIRY	R D 1	WHEELING	26001	WV	
54-35-0027	WILHELM, J. W.	ROUTE 4	ELM GROVE	26003	WV	
54-35-0048	SAVAGE, THOMAS L.	R D 2	WEST ALEXANDER	15376	PA	
54-42-9010	JOHNSON, DEAN	R F D 1	ELKINS	26241	WV	
54-46-9001	AUSTIN, NEIL O.	R D 1	GRAFTON	26354	WV	
54-49-9015	PHILLIPS, BURTON R.	ROUTE 2	BUCKHANNO	26201	WV	
54-49-0025	MARPLE, MONZELL D.	ROUTE 1	BUCKHANNO	26201	WV	
54-59-0029	MC MURRAY BROTHERS	R D 2	WEST ALEXANDER	15376	PA	
55-00-0040	CHARLES M BEST	ROUTE 2	MEBANE	27302	NC	
55-00-0045	CLIFTON & WM KIMBALL	ROUTE 2	LIBERTY	27298	NC	
55-03-0001	N C CIRCLE	#1 LEE ROUTE 2	POLKTON	28135	NC	
55-10-0003	GWYN ROBERSON	ROUTE 2	LEICESTER	28748	NC	
55-10-6004	BILTMORE FARM OFFICE	SLEEPY HOLLOW	BILTMORE	28803	NC	
55-10-6009	BILTMORE FARM OFFICE	ALTA VISTA	BILTMORE	28803	NC	
55-11-0006	BRUGHTON HOSPITAL	ATT FARM MANAGER	MORGANTOWN	28655	NC	
55-12-0012	J R LITTLE AND SONS	ROUTE 1	MIDLAND	28107	NC	
55-16-0001	DAN VALLEY FARM	ROUTE 1	BLANCH	27212	NC	
55-17-0017	CHARLES L LUTZ	ROUTE 3	NEWTON	28658	NC	
55-18-0007	EARL GOLDSTON	ROUTE 4	GOLDSTON	27252	NC	
55-18-0010	NORMAN JORDAN	ROUTE 4	SILER CITY	27344	NC	
55-18-0026	C I & LALA A CLAPP	RTE 1 BOX 28	SILER CITY	27344	NC	
55-22-0004	GEORGE BLANTON JR	ROUTE 4	SHELBY	28150	NC	
55-22-0015	J F CORNWELL	BOX 157	LATTIMORE	28089	NC	
55-22-0024	ROY COCHRAN	ROUTE 4	SHELBY	28150	NC	
55-22-0035	MAX & PAUL GRIGG	ROUTE 3	LAWDALE	28090	NC	
55-22-0043	WILBUR CABINESS	ROUTE 4	SHELBY	28150	NC	
55-23-0003	BLAKE BROS		CHADBOURN	28431	NC	

TABLE 9.--LIST OF HERD OWNERS(CONTINUED)

HERD CODE	NAME OF OWNER	STREET-ROUTE	TOWN	ZIP-CODE	STATE
55-28-0002	HILLYN FARM H L HILL	ROUTE 8	LEXINGTON	27292	NC
55-28-0025	D R SMITH	ROUTE 9	LEXINGTON	27292	NC
55-28-0027	M R HARRIS JR	P O BOX 828	THOMASVILLE	27360	NC
55-28-0033	T J AND ROY ARNOLD	ARNOLA FARM RT 2	LEXINGTON	27292	NC
55-28-0034	CLAY H NIFUNG	ROUTE 4	WINSTON SALEM	27107	NC
55-28-0035	G J WARD AND SON	ROUTE 2	LEXINGTON	27292	NC
55-29-0009	FRED F BAHNSUN JR	BOX 38 SALEM STA	WINSTON SALEM	27108	NC
55-29-0043	ROGER GABBERT	R 2 CARVER ST EXT	COOLEEMEE	27014	NC
55-31-0003	CROASDAILE DAIRY	BOX 665	DURHAM	27705	NC
55-32-0007	ROBERT K REIERSON		BATTLEBORO	27809	NC
55-33-0029	BRUCE SPAUGH C-206	MOUNTAIN VIEW RD	WINSTON SALEM	27104	NC
55-33-0037	RALPH REICH & SON	ROUTE 4	WINSTON SALEM	27107	NC
55-35-0004	W C MCGINNIS GEN. MGR.	SUNBEAM FARMS RT 2	CHERRYVILLE	28021	NC
55-35-0046	PAUL H ROBINSON	ROUTE 1	BESSEMER CITY	28016	NC
55-35-0049	TONY STROUPE	ROUTE 2	BESSEMER CITY	28016	NC
55-35-0050	JOHN B PLUNK	ROUTE 3 BOX 65	KINGS MT	28086	NC
55-38-0003	OXFORD ORPHANAGE	ATTN R J DAVIS	OXFORD	27565	NC
55-38-0010	DOUGLAS T CURRIN	ROUTE 2	OXFORD	27565	NC
55-38-0011	G A ALLEN	ROUTE 1	CREEDMOOR	27522	NC
55-38-0015	CLEMENT BROTHERS DAIRY	ROUTE 1	OXFORD	27565	NC
55-38-0024	DAVID BLACKWELL	ROUTE 4	OXFORD	27565	NC
55-38-0034	J W UMSTEAD HOSPITAL	ATTN FARM MANAGER	BUTNER	27509	NC
55-40-0019	HILLTOP LANE FARM	ROUTE 1	MCLEANSVILLE	27301	NC
55-40-0021	RALPH CUMMINGS		GUILFORD COLLEGE	27410	NC
55-40-0051	R T KECK AND SON	ROUTE 1	JULIAN	27283	NC
55-42-0005	HI-LO FARM	RTE 1	FUQUAY	27526	NC
55-43-0007	G C PALMER JR	ROUTE 3	CLYDE	28721	NC
55-43-0014	DAVID NOLAND	ROUTE 3	CLYDE	28721	NC
55-43-0020	MT RESEARCH STATION	BROWN SWISS HERD	WAYNESVILLE	28786	NC
55-44-0013	HENRY K KEY	KEY CREST RT 1	HORSE SHOE	28742	NC
55-44-0014	JOHN C MC LEAN	ROUTE 2	HORSE SHOE	28742	NC
55-44-0062	B F NESBITT	ROUTE 2	FLETCHER	28732	NC
55-48-0035	GILBERT B BELL	ROUTE 1	STATESVILLE	28677	NC
55-48-0054	OLDMT FARMS GRAY BROS	ROUTE 6	STATESVILLE	28677	NC
55-48-0068	W C ROBERTSON	ROUTE 2	CLEVELAND	27013	NC
55-53-0009	CASWELL CENTER	A J OLIVER	KINSTON	28501	NC
55-56-0016	CHARLES J SUTTON	ROUTE 2	FRANKLIN	28734	NC
55-59-0014	ERNEST COOK	ROUTE 2 BOX 336	HUNTERSVILLE	28078	NC
55-59-0040	J U DAVIS	ROUTE 7 BOX 648	CHARLOTTE	28213	NC
55-61-0009	JARRETT A THOMPSON	ROUTE 2 BOX 54	MT GILEAD	27306	NC
55-61-0010	BURRY RAY ATKINS	ROUTE 2	TROY	27371	NC
55-63-0001	C S BUNN AND SONS	GOLDLEAF FARM	SPRING HOPE	27882	NC
55-67-0005	CATES BROS	ROUTE 3	HILLSBOROUGH	27278	NC
55-67-0010	DR J W BEARD	ROUTE 3	HILLSBOROUGH	27278	NC
55-67-0014	TEER BROTHERS		CHAPEL HILL	27514	NC

TABLE 9.--LIST OF HERD OWNERS(CONTINUED)

HERD CODE	NAME OF OWNER	STREET--ROUTE	TOWN	ADDRESS OF OWNER	ZIP--CODE	STATE
55-67-0016	W G CARUTHERS JR	ROUTE 2	HILLSBOROUGH		27278	NC
55-67-0018	WILLIAM C DORSETT		EFLAND		27243	NC
55-67-0021	HOMNOW FARM	P W SCOTT	MEBANE		27302	NC
55-67-0028	BEN LLOYD		EFLAND		27243	NC
55-67-0068	ROBERT NUTTER	ROUTE 3	HILLSBOROUGH		27278	NC
55-70-0005	C PLAINS RESEARCH STA	2 DAIRY SUPERVISOR	WILLARD		28478	NC
55-75-0014	B E AND R S DAVIS	ROUTE 1	RANDEMAN		27317	NC
55-75-0030	MEREDELL FARM	ROUTE 1	LIBERTY		27298	NC
55-75-0035	D S DAVIS	ROUTE 1	RANDEMAN		27317	NC
55-75-0040	GILBERT & ROBERT DAVIS	ROUTE 1	RANDEMAN		27317	NC
55-78-0023	ROY SOUTHARD & SON	ROUTE 2	STOKESDALE		27357	NC
55-79-0006	HAROLD E MYERS AND SON		CLEVELAND		27013	NC
55-79-0017	ED GREBLE & K JOHNSTON	KNOX FARM	CLEVELAND		27013	NC
55-79-0020	GEORGE L HOFFNER	ROUTE 1	MT ULLA		28125	NC
55-82-0001	MCNAIR DAIRY FR ATTN	J F WALTERS RT 2	LAURINBURG		28352	NC
55-83-0017	BURLESON BROS DAIRY	ROUTE 3	ALBEMARLE		28001	NC
55-83-6035	J T MABRY & SON	ROUTE 1	NORWOOD		28128	NC
55-85-0007	T E & W L HORTON	ROUTE 6 BOX 140	MT AIRY		27030	NC
55-85-0010	JUNIOR FULK	847 N FRANKLIN RD	MT AIRY		27030	NC
55-89-0004	MELVIN L OUTEN	ROUTE 7	MONROE		28110	NC
55-89-0020	BENTON BROS DAIRY	ROUTE 7	MONROE		28110	NC
55-91-6003	N C STATE UNIVERSITY	231 POLK HALL	RALEIGH		27607	NC
55-91-6004	N C STATE UNIVERSITY	POLK HALL DY HUSB	RALEIGH		27607	NC
55-91-0005	J R NIPPER AND SONS	R F D 1	RALEIGH		27609	NC
55-91-0006	KILDAIRE FARM	ROUTE 1 BOX 700	CARY		27511	NC
55-91-0008	MRS J HOLDING	M M BATTIS MGR	WAKE FOREST		27587	NC
55-91-0010	DOROTHEA DIX HOSPITAL	ATTN FARM MANAGER	RALEIGH		27602	NC
55-91-0013	JAMES G LYE	ROUTE 3	WAKE FOREST		27587	NC
55-91-0017	FRANKS & WOMBLE DAIRY	ROUTE 1	APEX		27502	NC
55-91-0026	E E MARSHALL	ROUTE 1	WAKE FOREST		27587	NC
55-91-0046	RANDLEIGH FOUNDATION	NC ST U 232 POLK	RALEIGH		27607	NC
55-95-0006	CHERRY HOSPITAL	ATTN EARL RADFORD	GOLDSBORO		27530	NC
55-97-0001	FRFIELD FM EST OF J C	EAGLES RT 3 BX 265	WILSON		27893	NC
56-04-0008	HENRY S GLENN	RT 3	ANDERSON		29621	SC
56-04-0014	JOHN & EDITH KLINGER	ROUTE 1 BOX 198	LIBERTY		29657	SC
56-05-0010	EDISTO FARMS	UNIT 1	DENMARK		29042	SC
56-05-0011	EDISTO FARMS	UNIT 2	DENMARK		29042	SC
56-06-0004	A P BLACK	P O BOX 164	BARNWELL		29812	SC
56-08-0016	GIPPY PLANTATION	BOX 458	MONCKS CORNER		29461	SC
56-12-0029	SILVER BROOK FARM	RODGERS M REID	RICHBURG		29729	SC
56-15-0006	CHEROKEE PLANTATION DY	P O BOX 768	WALTERBORO		29488	SC
56-16-0001	MILTON H ANDERSON JR	R F D 4	TIMMONSVILLE		29161	SC
56-18-0006	TUPPERWAY FARM	ROUTE 1 BOX 378	SUMMERVILLE		29493	SC
56-23-0002	BLAKELY DAIRY FARM	ATT R W BLAKELY	PIEDMONT		29673	SC
56-27-0012	GREGORIE NECK PLANT	ATTN PAUL FREEMAN	COOSA HATCHIE		29912	SC

TABLE 9.--LIST OF HERD OWNERS(CONTINUED)

HERD CODE	NAME OF OWNER	STREET-ROUTE	TOWN	ZIP-CODE	STATE
56-30-0003	D E BROWN & FAMILY	ROUTE 2	LAURENS	29360	SC
56-30-0037	WHITE PLAINS FARM	ATT DALE UTTER	RT 1 MOUNTVILLE	29370	SC
56-30-0038	WHITTEN VILLAGE DAIRY		CLINTON	29325	SC
56-32-0008	GOLDEN GLOW DAIRY	CAUGHMAN BROS	LEXINGTON	29072	SC
56-34-0020	J P HODGES		BENNETTSVILLE	29512	SC
56-34-0028	GORDON W NEWTON		TATUM	29594	SC
56-36-0001	HENRY ANDERSON	ROUTE 3	NEWBERRY	29108	SC
56-36-0003	BOWERS BROS ATT	GUY BOWERS ROUTE 4	NEWBERRY	29108	SC
56-36-0006	JAMES A BROWN	ROUTE 1 BOX 309	NEWBERRY	29108	SC
56-36-0011	W D CROMER AND SON	ROUTE 1	NEWBERRY	29108	SC
56-36-0017	MYRTLEDALE FARM	ROUTE 4 BOX 105 B	NEWBERRY	29108	SC
56-36-0018	D O & J F LOVELACE	ROUTE 3	PROSPERITY	29127	SC
56-36-0023	HENRY L PARR	ROUTE 3	NEWBERRY	29108	SC
56-36-0024	W W PARR	ROUTE 4	NEWBERRY	29108	SC
56-36-0028	W E SENN	ROUTE 3	NEWBERRY	29108	SC
56-36-0030	C T SMITH		KINARDS	29355	SC
56-36-0038	DAVID WALDROP	ROUTE 1	SILVERSTREET	29145	SC
56-37-0008	CLEMSON UNIVERSITY HOL	DAIRY DEPARTMENT	CLEMSON	29631	SC
56-38-0008	LITTLE RIVER FARMS NOI	ROUTE 1	NORWAY	29113	SC
56-38-0017	C F AND W F BINNICKER	BOX 53	NORWAY	29113	SC
56-38-0028	F W MACK	ROUTE 1 BOX 87	NORTH	29112	SC
56-38-0053	LEWIS W H SHULER	ROUTE 2	ORANGEBURG	29115	SC
56-38-0056	COBURG DAIRY FARM	ATT T R HAWKINS	COPE	29038	SC
56-38-0066	WEATHERS FARMS	BOWMAN	NORWAY	29018	SC
56-38-0072	WAYNOR FARMS	ATTN J WILLIAMS	NORWAY	29113	SC
56-40-0024	S C SANATORIUM DAIRY	ATTN H F STEVENSON	STATE PARK	29147	SC
56-41-0009	NORMAN J CROUCH	ROUTE 5	SALUDA	29138	SC
56-41-0018	W D LONG	ROUTE 5	SALUDA	29138	SC
56-41-0022	NICHOLS AND HANCOCK	ROUTE 1	SALUDA	29138	SC
56-41-0025	NICHOLS AND LONGSHORE	ATTN H H LONGSHORE	SALUDA	29138	SC
56-41-0027	T C RANKIN	ROUTE 5	SALUDA	29138	SC
56-41-0028	FRAZIER RILEY	ROUTE 1	SALUDA	29138	SC
56-41-0036	WHEELERS JERSEY FARM	RT 2 BOX 33	SALUDA	29138	SC
56-41-0041	R F HIPPI	ROUTE 4	SALUDA	29138	SC
56-42-0012	BEN GRAMLING REG JERSE	BOX, 26	GRAMLING	29348	SC
56-42-0037	CROSS ARROWS FARM	ROUTE 1	ENOREE	29335	SC
56-43-0003	BENDALE FARM	ROUTE 5 BOX 144	SUMTER	29150	SC
56-43-0015	T J KIRVEN & SONS	ROUTE 5 BOX 77	SUMTER	29150	SC
56-43-0020	EUGENE B MCLEOD		PINEWOOD	29125	SC
56-43-0025	S C DEP OF CORRECTIONS	UNIT B DAIRY	BOYKIN	29019	SC
56-43-0026	S C DEP OF CORRECTIONS	UNIT C DAIRY	BOYKIN	29019	SC
56-44-0006	ROBERT J CROCKER JR	ROUTE 1	UNION	29379	SC
56-45-0009	S WAYNE GAMBLE		LANE	29564	SC
56-46-0022	CLOVER SPRING FARM	ROUTE 3	CLOVER	29710	SC
56-46-0031	J P ROGERS	ROUTE 5	ROCK HILL	29730	SC

TABLE 9.--LIST OF HERD OWNERS (CONTINUED)

HERD CODE	NAME OF OWNER	STREET-ROUTE	ADDRESS OF OWNER TOWN	ZIP-CODE	STATE
56-46-0036	BOBBY K STURGIS	ROUTE 1 BOX 3	ROCK HILL	29730	SC
57-06-0005	J MACK JORDAN	2196 ROCKY CRK RD	MACON	31206	GA
57-10-0014	H B BIGGERS	ROUTE 1	KEYSVILLE	30816	GA
57-16-0002	WILLIS L JONES	ROUTE 3	ATHENS	30601	GA
57-16-0008	UNIV OF GA DAIRYFARM	DR CARL M CLIFTON	ATHENS	30601	GA
57-17-0505	ADAMSON BROTHERS DAIRY	ROUTE 1	MORROW	30260	GA
57-21-0501	DR J H ARNOLD	BOX 393	NEWNAN	30263	GA
57-21-0506	SULLIVAN FARM INC	ROUTE 4 BOX 250	NEWNAN	30263	GA
57-21-0509	H G DENNIS	RTE 3 BOX 328	NEWNAN	30263	GA
57-25-0014	R L MATHIS CERT DAIRY	ATT JACK MATHIS	DECATUR	30032	GA
57-26-0003	CRISMON FARMS ROUTE 2	% C M PASSMORE	VIENNA	31092	GA
57-27-0001	TIOUELL FARMS INC	BOX 595	DOUGLASVILLE	30134	GA
57-31-0502	BERRY SCHOOLS DAIRY	DR MOYER	MT BERRY	30149	GA
57-39-0001	NORMAN HEATHERINGTON	ROUTE 1	TALLAPOOSA	30176	GA
57-39-0501	CANAAN FARMS	C B AVERY JR RT 2	PINE MTN	31822	GA
57-47-0011	JERRY J BLANKS	RTE 5	MACON	31291	GA
57-53-0508	LLOYD SWARTZENTRUBER	R F D 1	MONTEZUMA	31063	GA
57-53-0512	FLOYD E YODER	R F D 1	MONTEZUMA	31063	GA
57-53-0513	CRIST W YODER	ROUTE 2	MONTEZUMA	31063	GA
57-53-0518	HENRY W OVERHOLT	R F D 1	MARSHALLVILLE	31057	GA
57-53-0520	ENDS SWARTZENTRUBER	ROUTE 1	MONTEZUMA	31063	GA
57-53-0526	HENRY J HERSHBERGER	RT 1 BOX 828	MONTEZUMA	31063	GA
57-56-0506	WESTHAVEN FARM	ROUTE 1 BOX 51	CAMILLA	31730	GA
57-56-0507	J T THORNTON	ROUTE 2	CAMILLA	31730	GA
57-57-0026	JAMES E & MARION PAGE	ROUTE 2	FORSYTH	31029	GA
57-59-0001	BENNETT & THOMAS	P O BOX 548	MADISON	30650	GA
57-61-0026	MELVIN KING	RTE 2	COVINGTON	30209	GA
57-64-0003	GLEARBRANCH FARM	R F D 1	FT VALLEY	31030	GA
57-73-0002	R W CHEATHAM	728 E COLLEGE ST	GRIFFIN	30223	GA
57-73-0019	D A ROBINSON III DAIRY	ROUTE 3 BOX 70	GRIFFIN	30223	GA
57-74-0501	JEFF CO DAIRY	BOX 237	RICHLAND	31825	GA
57-76-0505	GEORGIA STATE PRISON	ATTN ALLEN ROGERS	REDSVILLE	30453	GA
57-81-0001	COASTAL PLAIN EXP STA	DAIRY DEPARTMENT	TIFTON	31794	GA
57-83-0505	EUGENE SCOTT	ROUTE 2	PINE MOUNTAIN	31823	GA
57-83-0506	DAN KEITH	ROUTE 2	HOGANSVILLE	30230	GA
57-88-0001	BREEDLOVES DAIRY	ROUTE 3	MONROE	30655	GA
58-03-0022	UTINSMORE DY HOME FARM	ROUTE 1 BOX 115	DINSMORE	32029	FL
58-03-9029	FLA AGR EXP STA	DEPT DAIRY SCIENCE	GAINESVILLE	32601	FL
58-04-0034	BO-MAR DAIRY	BOX 315	COLEMAN	33521	FL
58-05-0006	LAY LAINE GUERNSEY FM	BOX 146	ASTATULA	32705	FL
58-05-0008	JUDGE JERSEYS	4471 JUDGE ROAD	ORLANDO	32809	FL
58-05-0010	FAIRGLADES JERSEY DY	RT 1 BOX 125	GENEVA	32732	FL
58-05-0023	HI-MARK FARM	RT 1 BOX 351	KISSIMEE	32741	FL
58-05-0026	OAKLAWN DAIRY INC	ROUTE 1 BOX 399	SORRENTO	32776	FL
58-06-0007	W J CASEY		CLEARWATER	33515	FL

TABLE 9.--LIST OF HERD OWNERS(CONTINUED)

HERD CODE	NAME OF OWNER	STREET-ROUTE	TOWN	STATE	ZIP-CODE
58-06-0026	LESTER YANCEY	MYAKKA STAR RT	BRADENTON	FL	33505
58-06-0028	JOHN A PEACHEY	ROUTE 2 BOX 102	SARASOTA	FL	33577
58-08-0005	PENWOOD FARMS INC	P O BOX 362 JERSEY	PALM CITY	FL	33490
58-08-0010	LAKE SIDE DAIRY	ROUTE 2	MOORE HAVEN	FL	33471
58-08-0041	PENWOOD FARMS INC	P O BOX 362 HOL	PALM CITY	FL	33490
58-09-0022	BASSETTS DAIRY FARM	P O BOX 188 HOL	MONTICELLO	FL	32344
61-01-0023	WINDY ACRES FARM	ROUTE 2	LAWRENCEBURG	KY	40342
61-01-0040	MAPLEWOOD FARM	% BILLY SMITH RT 3	LAWRENCEBURG	KY	40342
61-02-0032	C E GIBSON	ROUTE 5	PARIS	KY	40361
61-03-0001	EASTERN STATE COLLEGE		RICHMOND	KY	40475
61-03-0008	BEREA COLLEGE DAIRY	BOX 2341 C P O	BEREA	KY	40403
61-06-0001	MRS G B SCOTT	714 MAIN	MURRAY	KY	42071
61-06-0002	MURRAY STATE COLLEGE	DAIRY FARM	MURRAY	KY	42071
61-06-0004	BLALOCK AND WHITE	ROUTE 5	MURRAY	KY	42071
61-06-0013	CALVIN COMPTON	ROUTE 4	MURRAY	KY	42071
61-06-0019	R L USREY	ROUTE 2	KIRKSEY	KY	42054
61-06-0025	CHARLES B STARK	ROUTE 2	MURRAY	KY	42071
61-06-0032	W D MCCUSTION	ROUTE 5	MURRAY	KY	42071
61-07-0009	S A PORTER % OGBURN	R F D 1	SANDERS	KY	41083
61-08-0007	WOODS GOVER & SON	% JAMES T GOVER	RT 2 STANFORD	KY	40484
61-08-0010	W O PAYNE	BOX 281	DANVILLE	KY	40422
61-08-0033	RO-AL JERSEY FARM	BOX 244	STANFORD	KY	40484
61-08-0077	CLYDE D HANNAH	ROUTE 2	KINGS MOUNTAIN	KY	40442
61-09-0006	NELSON NEWELL	ROUTE 2	MAYSVILLE	KY	41056
61-09-0016	W M KINDER & SON	ROUTE 2	MAYS LICK	KY	41055
61-09-0023	W B SMOOT	J J POLLITTE RT 4	AUGUSTA	KY	41002
61-09-0030	WINDY HILL FARM	ROUTE 1	MAYSVILLE	KY	41056
61-09-0034	CHARLES ALLISON & SON	ROUTE 1	MAYS LICK	KY	41055
61-10-0002	HAROLD C HEDGER	ROUTE 1	SHERMAN	KY	41084
61-10-0004	RILEY PRATHER	ROUTE 1	VERONA	KY	41092
61-10-0015	HAROLD R CONNLEY	ROUTE 3	WILLIAMSTOWN	KY	41097
61-10-0035	NORTON AND HEDGES	ROUTE 2	DRY RIDGE	KY	41035
61-10-0039	PAUL C SIMPSON JR	ROUTE 4	WILLIAMSTOWN	KY	41097
61-11-0007	LEASON RATLIFF	ROUTE 2	RINEYVILLE	KY	40162
61-12-0004	A O DAVIS KY HOSPITAL	DEPT CORRECTION	FRANKFORT	KY	40601
61-12-0006	A O DAVIS KY PENITENT	DEPT CORRECTION	FRANKFORT	KY	40601
61-12-0007	A O DAVIS KY REFORMAT	DEPT CORRECTION	FRANKFORT	KY	40601
61-12-0008	A O DAVIS WEST HOSP	ROUTE 2	HOOGENVILLE	KY	42748
61-13-0001	W C & F S BLANTON	GREEN DOWNS INC	RT 1 OAKVILLE	KY	42263
61-14-0015	WILKINS & ROBERSON	ROUTE 2	CALIFORNIA	KY	41007
61-17-0009	EISEN BROS	8213 LAGRANGE RD	LOUISVILLE	KY	40222
61-18-0001	PAUL R MCCARTHY	8207 WESTPORT RD	LOUISVILLE 7	KY	40222
61-18-0029	BRAINARD PALMER BALL	ROUTE 1	PROSPECT	KY	40059
61-18-0039	WAVE INC FARM	RT 1 BOX 560	LOUISVILLE	KY	40222
61-19-0001	JOHN A MOSER				

TABLE 9.--LIST OF HERD OWNERS (CONTINUED)

HERD CODE	NAME OF OWNER	STREET-ROUTE	TOWN	ADDRESS OF OWNER	ZIP-CODE	STATE
61-19-0015	ERNEST L HARRIS	ROUTE 1 BOX 188	PROSPECT		40059	KY
61-20-0002	JESS WAINSCOTT	ROUTE 3	OWENTON		40359	KY
61-20-0028	PARK PERKINS	RFD 4	OWENTON		40359	KY
61-21-0004	BEN T BROWNING	ROUTE 4	FALMOUTH		41040	KY
61-21-0018	LOUIS AND NELSON HESS	ROUTE 5	FALMOUTH		41040	KY
61-24-0010	R D SHIPMAN	ROUTE 2	SHELBYVILLE		40065	KY
61-24-0018	J L COOTS AND SON	ROUTE 1	FINCHVILLE		40022	KY
61-24-0020	J E NORRENBROCK	ROUTE 1	FINCHVILLE		40022	KY
61-24-0049	HAROLD P BOHANNON	ROUTE 1	BAGDAD		40003	KY
61-24-0067	RALPH PEED	ROUTE 2	SHELBYVILLE		40065	KY
61-25-0003	DR L F BEASLEY	RIVERSIDE FARM	FRANKLIN		42134	KY
61-25-0005	J D AND B B SNIDER	ROUTE 3	FRANKLIN		42134	KY
61-25-0014	BEN BANTON	ROUTE 1	FRANKLIN		42134	KY
61-25-0029	WESTLAND FARM	ROUTE 1	ADAIRVILLE		42202	KY
61-25-0034	HAROLD JEPSON & SONS	ROUTE 2	FRANKLIN		42134	KY
61-26-0011	GOEBEL & HUSBAND	G GOEBEL BOX 235	TALORSVILLE		40071	KY
61-26-0022	W H & H A HARDIN	ROUTE 1	TALORSVILLE		40071	KY
61-26-0034	D M BLACK	ROUTE 1	TALORSVILLE		40071	KY
61-27-0021	WALTER WAGONER	ROUTE 1	CAMPBELLVILLE		42718	KY
61-27-0029	BEN C RICE	ROUTE 5	CAMPBELLVILLE		42718	KY
61-28-0003	WESTERN KY UNIV DAIRY	RT 4 NASHVILLE RD	BOWLING GREEN		42101	KY
61-28-0027	DAVENPORTS FARM	P O BOX 794	BOWLING GREEN		42101	KY
61-28-0041	BORDERS FARM	JERRY BORDERS RT 3	BOWLING GREEN		42101	KY
61-28-0042	ROBERT PELLY		SMITHS GROVE		42171	KY
61-28-0045	WESTERN KY UNIV DAIRY	RT 4 NASHVILLE RD	BOWLING GREEN		42101	KY
61-28-0046	ROBERT E CHURCH & SON		WOODBURN		42170	KY
61-29-0027	WHEATLEY & MATTINGLEY	RTE 2	SPRINGFIELD		40069	KY
61-30-0003	WILLIAM KUEGEL	ROUTE 3	OWENSBORO		42301	KY
61-30-0006	R M STUART JR	ROUTE 1	OWENSBORO		42302	KY
61-30-0008	JOHN KUEGEL	ROUTE 5	OWENSBORO		42301	KY
61-30-0009	DON LASHBROOK	ROUTE 3	PHILPOT		42366	KY
61-30-0017	W OAK SPRING FARM	% JES EREL HAR	MORGANFIELD		42437	KY
61-30-0023	LUCKETT & TRUITT	% L LUCKETT RT 2	UTICA		42376	KY
61-30-0025	WALTER RAFFERTY JR	4314 OLD CALHOUN R	OWENSBORO		42301	KY
61-30-0026	MARION SPARKS	ROUTE 2	OWENSBORO		42301	KY
61-31-0001	H H BARLOW JR	ROUTE 2	CAVE CITY		42127	KY
61-32-0509	TERRY HOGAN & SON	ROUTE 1	HARDYVILLE		42746	KY
61-33-0015	PAUL JONES		COLUMBIA		42728	KY
61-33-0021	JAMES KETNER	ROUTE 1	COLUMBIA		42728	KY
61-34-0002	WAYLAND M WATKINS		EMINENCE		40019	KY
61-34-0013	WILSON & HASFURDER		EMINENCE		40019	KY
61-38-0001	THURMAN PHARIS	ROUTE 3	CLINTON		42031	KY
61-38-0002	JAMES T ROBERTS	ROUTE 1	CLINTON		42031	KY
61-38-0011	BUGG BROTHERS	WATER STREET	CLINTON		42031	KY
61-40-0017	ABBEY OF GETHSEMANI		TRAPPIST		40073	KY

TABLE 9.--LIST OF HERD OWNERS(CONTINUED)

HERD CODE	NAME OF OWNER	STREET-ROUTE	TOWN	ZIP-CODE	STATE
61-40-0021	DUN-B0-FARM	ROUTE 1 BOX 107	BOSTON	40107	KY
61-41-0037	C L HIX & SONS	ROUTE 4	SCOTTSVILLE	42164	KY
61-45-0002	FRED & EDWIN WEISS	ROUTE 1	AGUSTA	41002	KY
61-45-0009	GAYLE SHARP AND SONS	ROUTE 1	BROOKSVILLE	41004	KY
61-48-0002	MAPLE CREST FARM	ROUTE 1 BOX 617	MANCHESTER	40962	KY
61-52-0505	TIM BARNES	ROUTE 3	BEAVER DAM	42320	KY
61-54-0008	LENARD EZELL	ROUTE 1	GRACEY	42232	KY
61-54-0009	EDWARD K DORRIS	ROUTE 2	HOPKINSVILLE	42240	KY
61-59-0001	GEORGE DYE	ROUTE 1	FLEMINGSBURG	41041	KY
61-60-0034	A J KEIGHTLEY	ROUTE 5	HARRODSBURG	40330	KY
61-60-0046	HERBERT RANDELL	ROUTE 1	SALVISA	40372	KY
61-60-0084	C D RANDELL JR	ROUTE 1	SALVISA	40372	KY
61-63-0002	LEWIS KELLY	ROUTE 1	WILMORE	40390	KY
61-76-0027	BOBBY POOL	ROUTE 2	LACENTER	42056	KY
61-77-0001	EARL U SHIVES	ROUTE 1	SUMMER SHADE	42166	KY
61-99-0001	UNIV OF KENTUCKY HOL		LEXINGTON	40506	KY
61-99-0003	UNIVERSITY OF KENTUCKY	DAIRY JERSEY	LEXINGTON	40506	KY
63-01-0010	DR CYRUS KENDALL	ROUTE 1	HENDERSONVILLE	37075	TN
63-01-0028	HUGH THOMPSON	301 BEN ALLEN RD	NASHVILLE	37207	TN
63-01-0032	TOM LATIMER	ROUTE 2	HENDERSONVILLE	37075	TN
63-03-2003	C L FRANKLIN	FIBOKA FARMS RT 1	GREENBACK	37742	TN
63-03-2007	DR R A BROADY	217 BRUCE ST	SEVIERVILLE	37862	TN
63-03-2011	MAX EVERETT P SONS	ROUTE 3	MARYVILLE	37801	TN
63-03-0014	C L & JAMES MESSLER	ROUTE 2	GREENBACK	37742	TN
63-03-2017	FRANK D JONES	5112 KESTERWOOD DR	KNOXVILLE	37918	TN
63-03-2020	JACK PRYOR	ROUTE 3	MARYVILLE	37801	TN
63-03-0021	UNIV OF TENN NO 2	DAIRY DEPARTMENT	KNOXVILLE	37916	TN
63-03-0022	UNIV OF TENN NO 1	DAIRY DEPARTMENT	KNOXVILLE	37916	TN
63-05-0008	P J SHIVELL	P O BOX 89	KINGSPORT	37660	TN
63-05-0010	W C FLENDOR		BLUFF CITY	37618	TN
63-06-0002	H G RANGE		JOHNSON CITY	37601	TN
63-06-1117	JAY ARMENTROUT	ROUTE 6	JONESBORO	37659	TN
63-06-1134	AIKEN & CLEEK DAIRY	% JERRY AIKEN RT 1	LIMESTONE	37681	TN
63-07-0006	JAMES TUNLISON	ROUTE 4	JACKSON	38301	TN
63-07-0007	WEST TENN EXP STA		JACKSON	38301	TN
63-07-0014	JAMES D HARRIS JR	ROUTE 6	JACKSON	38301	TN
63-07-0015	C BLANKENSHIP & SON	ROUTE 2	BEECH BLUFF	38313	TN
63-08-0032	MIDDLE TENN STA UNIV 3	J E YOUNG BOX 890	MURFREESBORO	37130	TN
63-08-0033	JACK HOLBROOK	RT 3	MURFREESBORO	37130	TN
63-08-0045	C T & JOHN TILFORD	ROUTE 4	MURFREESBORO	37130	TN
63-09-0005	CLEBURNE JERSEY FARM	BOX 68	SPRING HILL	37174	TN
63-09-0007	MIDDLE TENN EXP STA	E J CHAPMAN BX 116	SPRING HILL	37174	TN
63-12-0008	HENRY GABY & SONS	ROUTE 11	GREENEVILLE	37743	TN
63-13-0008	M I REVELLE	ROUTE 3	HALLS	38040	TN
63-13-0014	J S PUTMAN & SON	ROUTE 2	FRIENDSHIP	38034	TN

TABLE 9.--LIST OF HERD OWNERS(CONTINUED)

HERD CODE	NAME OF OWNER	STREET-ROUTE	TOWN	ZIP-CODE	STATE
63-13-0016	WILLIAM W MCLEAN	ROUTE 1	NEWBORN	38059	TN
63-13-0017	CUNNINGHAM & RICHARDSO	% A RICHARDSON RT1	ATWOOD	38220	TN
63-13-0024	BEN P HAZLEWOOD	605 POPLAR STREET	JACKSON	38301	TN
63-13-0032	SWEATT & ELKINS	ROUTE 2	FRIENDSHIP	38034	TN
63-13-0005	ROBERT D READ	ROUTE 1	CROSS PLAINS	37049	TN
63-17-0008	LEE GRASFEDER	ROUTE 4	UNION CITY	38261	TN
63-17-0017	BURNETT JERSEY FARM	ROUTE 4	FULTON	42041	KY
63-19-0011	MILTON HUMBERD	ROUTE 4	CLEVELAND	37311	TN
63-20-0002	EUGENE JORDAN	ROUTE 1	COLLEGE GROVE	37046	TN
63-22-0005	UNIVERSITY OF TENN	MARTIN BRANCH NO 1	MARTIN	38237	TN
63-22-0006	UNIVERSITY OF TENN	MARTIN BRANCH NO 2	MARTIN	38237	TN
63-22-0013	PENICK & FOWLER	ROUTE 1	MARTIN	38238	TN
63-23-0011	BIG SPRING FARM	% C F WARREN	BIG SPRING	37323	TN
63-23-0014	MAYFIELD FARMS		ATHENS	37303	TN
63-23-0015	HOLLY HILL FARM	% REECE WOMAC	CALHOUN	37309	TN
63-23-0016	LEE HOUSLEY	RT 1	RICEVILLE	37370	TN
63-23-0020	JACK M THOMAS	MEADOWBROOK FARM	RICEVILLE	37370	TN
63-23-0024	HOMESTEAD FARMS	% C O BROWDER	SWEETWATER	37874	TN
63-23-0033	HUGH REYNOLDS	BOX C	ENGLEWOOD	37329	TN
63-24-0008	LEWIS ROBINSON	ROUTE 1	CORNERSVILLE	37047	TN
63-25-0001	LEONARD BEASLEY	ROUTE 3	CHAPEL HILL	37034	TN
63-26-0008	CLYDE WILSON	ROUTE 3	MANSFIELD	38236	TN
63-26-0020	CARPENTER E JONES	RT 6	PARIS	38242	TN
63-28-0012	HENRY BAYLESS	ROUTE 1	ARDMORE	38449	TN
63-32-0002	ROBERT S MCCULLOUGH	ROUTE 3	LEWISBURG	37091	TN
63-32-1003	THAD COLLIER NO 1	P O BOX 186	LEWISBURG	37091	TN
63-32-0006	W P MURRAY	ROUTE 3	LEWISBURG	37091	TN
63-32-1012	NOAH DEMUMBEUM	ROUTE 5	LEWISBURG	37091	TN
63-32-0027	TENN UNIV EXP STA	ROUTE 3	LEWISBURG	37091	TN
63-32-0035	MIKE AND JENNY COLLINS		LEWISBURG	37091	TN
63-35-0001	PROSPECT LANE JER FARM	P O BOX 317	MILAN	38358	TN
63-37-0011	CIRCLE Z FARM	% ED ZIMMERMAN	WINCHESTER	37398	TN
63-40-1101	ROY WHITE	ROUTE 4	LOUDON	37774	TN
63-43-0001	STEADMAN BROS	HARRY & LEE	WHITESBURG	37891	TN
63-51-0003	ED & CLAUDE LANCE	ROUTE 2	SWEETWATER	37874	TN
64-01-0114	L H MCCRORY DAIRY	ROUTE 1	TRUSSVILLE	35173	AL
64-01-0126	J O NORRIS	ROUTE 1	TRUSSVILLE	35173	AL
64-03-0109	HALL BROS DAIRY FARMS	HALL NO 4 ROUTE 1	MONTGOMERY	36105	AL
64-08-9107	MAX SPIKE	ROUTE 3	BLOUNTSVILLE	35031	AL
64-08-0115	J S HAZELRIG TONKA 1	ROUTE 1	CLEVELAND	35049	AL
64-12-0102	DAWSON DAY		FIVE POINTS	36855	AL
64-13-0102	GAINES T ADAMS		CEDAR BLUFF	35959	AL
64-25-0101	SPURGEON JOCHUM	ROUTE 11 BOX 521	CULLMAN	35055	AL
64-28-0105	W L HOWELL & SON	ROUTE 1	FORT PAYNE	35967	AL
64-30-0105	T U OWENS	ROUTE 2 BOX 31	ATMORE	36502	AL

TABLE 9.--LIST OF HERD OWNERS(CONTINUED)

HERD CODE	NAME OF OWNER	STREET-ROUTE	TOWN	ZIP-CODE	STATE
64-36-0123	P A TUTWILER	ATTN AMZI RANKIN	GREENSBORO	36744	AL
64-48-0110	CEDARCREST FARM NO 1	ATTN JOE RANKIN	FAUNSDALE	36738	AL
64-48-0111	CEDARCREST FARM NO 2	ATTN JOHN RANKIN	FAUNSDALE	36738	AL
64-48-0120	CEDARCREST FARM NO 3	ROUTE 3	ALBERTVILLE	35950	AL
64-50-0102	G V MITCHELL				
64-51-0101	DONALD NEUSCHWANDER	RT 2 BOX 182	ATMORE	36502	AL
64-53-0101	JAMES BRADY	R F D 3	MARION	36756	AL
64-58-0102	J E BEARDEN	R F D 1	HELENA	35080	AL
64-58-0115	CAREY KENDRICK		MONTVALLO	35115	AL
64-61-0107	C L COLLINS JR 1	BOX 359	SYLACAUGA	35150	AL
64-61-6111	R B KENT & SONS NO 1	ROUTE 1 BOX 184A	TALLADEGA	35160	AL
64-70-0105	VAN PELT BROS DAIRY	RT 1 BOX 101	ATMORE	36502	AL
64-99-0101	DEPT OF DAIRY HUSBANDR	AUBURN UNIVERSITY	AUBURN	36830	AL
64-99-0102	DEPT OF DAIRY HUSBANDR	AUBURN UNIVERSITY	AUBURN	36830	AL
64-99-0109	DEPT OF DAIRY HUSBANDR	AUBURN UNIVERSITY	AUBURN	36830	AL
65-02-0009	PLEASANT HILL DAIRY	DUDLEY BRIDGEFORTH	NESBIT	38651	MS
65-02-0021	JOHN GARTRELL	LAKE CORMORANT	LAKE CORMORANT	38641	MS
65-02-0022	GAYOSO FARMS	STAR ROUTE BOX 28	HORN LAKE	38637	MS
65-02-0065	W H AUSTIN		LAKE CORMORANT	38641	MS
65-02-0075	R M TREADWAY & SON	ROUTE 2	HERNANDO	38632	MS
65-03-0033	BERTRAND STEADMAN	C/O O F PARKER CO	STARKVILLE	39759	MS
65-03-0052	F W OAKLEY	ROUTE 1	STARKVILLE	39759	MS
65-03-0231	MISS STATE UNIV	DRAWER DD	STATE COLLEGE	39762	MS
65-03-0331	MISS STATE UNIV	DRAWER DD	STATE COLLEGE	39762	MS
65-03-0431	MISS STATE UNIV	DRAWER DD	STATE COLLEGE	39762	MS
65-08-0022	DOUGLAS VELVERTON		ARTESIA	39736	MS
65-09-0004	MILLER BROTHERS	RTE 2	WEST POINT	39773	MS
65-09-0010	J F ELLIS	ROUTE 2	WEST POINT	39773	MS
65-11-0017	JOHN N HONEA	% TED WALLACE RT 1	OSYKA	39657	MS
65-13-0008	ALFORD FARM		SUMMIT	39666	MS
65-17-0002	JAMES ROWZEE		NEWTON	39345	MS
65-18-0001	W A BILBO	755 PINE ST	MAGNOLIA	39652	MS
65-18-0004	DOCK SLATON JR	RT 3	MAGNOLIA	39652	MS
65-18-0008	EUGENE L OTT JR		OSYKA	39657	MS
65-19-0098	K C HURT	ROUTE 2	COLDWATER	38618	MS
65-19-0106	WOOTEN AND BARHAM	% BOB BARHAM	COLDWATER	38618	MS
65-21-0002	W P GARTH	HERD NO 1 BOX 547	BRANDON	39042	MS
65-21-0003	W P GARTH HERD NO 2	BOX 547	BRANDON	39042	MS
65-24-0005	H L & DAVID DODD		SALLIS	39160	MS
65-24-0006	WILLIE E MYERS	ROUTE 4 BOX 89	KOSCIUSKO	39090	MS
65-33-0001	G B WALKER AND SONS	EXPERIMENT STATION	STONEVILLE	38776	MS
65-39-0001	NORTH EAST BRANCH	ROUTE 5	VERONA	38879	MS
65-46-0002	PAUL CHISHOLM	ROUTE 5	LAUREL	39440	MS
65-46-0004	RAYMOND COLLINS		LAUREL	39440	MS
65-52-0048	F E WOODS		BYHALIA	38611	MS

TABLE 9.--LIST OF HERD OWNERS (CONTINUED)

HERD CODE	NAME OF OWNER	STREET-ROUTE	ADDRESS OF OWNER TOWN	ZIP-CODE	STATE
65-53-0001	J F MCCARDLE	RT 1	HAZELHURST	39083	MS
65-57-0001	R B MOORE	ROUTE 5	PHILADELPHIA	39350	MS
71-02-0008	LEWIS HERSHBERGER	ROUTE 3	BENTONVILLE	72712	AR
71-02-0051	VERNON REAMS	R R 1	GENTRY	72734	AR
71-02-0056	BYRON AND ERNA BLACKBURN	R R 1	BENTONVILLE	72712	AR
71-02-0061	CLYDE RON & DON RONE	R R 2	BENTONVILLE	72712	AR
71-02-0071	JERRY RAKES	R R 2	BENTONVILLE	72712	AR
71-10-9001	GEORGE J HUBER	RT 1 BOX 168	SUBIACO	72865	AR
71-16-9001	BILL BOWDEN	RT 1	EVERTON	72633	AR
71-19-0023	HAWLEY AND BELL	2 L HAWLEY R 2	PRAIRIE GROVE	72753	AR
71-19-9032	ROGER MABRY	R R 5	SPRINGDALE	72764	AR
71-19-0034	J D JOHNSON	R R 4	FAYETTEVILLE	72701	AR
71-19-0035	BLAINE HILL	R R 4	FAYETTEVILLE	72701	AR
71-47-0010	A P COX JR	R R 8 BOX 227	TEXARKANA	75501	AR
71-80-9003	UNIV OF ARK ANI SCI	2 O H HORTON	FAYETTEVILLE	72701	AR
72-07-0006	E S WOODARD & SON	RT 3 BOX 221	RINGGOLD	71068	LA
72-14-0002	N LA HILL FARM EXP STA	ROUTE 1 BOX 100	HOMER	71040	LA
72-17-0001	JOHN L EAST	ROUTE 1 BOX 288	ZACHARY	70791	LA
72-17-0003	L S U DR J B FRYE JR	UNIVERSITY STATION	BATON ROUGE	70803	LA
72-17-0006	KLEINPETER FMS DY INC	ROUTE 6 BOX 50	BATON ROUGE	70814	LA
72-31-6101	LA POLYTECHNIC INST	DR G A STEWART	RUSTON	71270	LA
72-31-6102	LA POLYTECHNIC INST	DR G A STEWART	RUSTON	71270	LA
72-34-6115	GREEN BROS DAIRY	DAIRY # 1	BASTROP	71220	LA
72-34-0126	LESLIE H MCKUIN		BONITA	71223	LA
72-37-0001	M L JOHNSON	P O BOX 4340	MONROE	71201	LA
72-37-0103	LOUISIANA STATE UNIV	N LA EXP STATION	CALHOUN	71225	LA
72-37-0109	LOUISIANA STATE UNIV	N LA EXP STATION	CALHOUN	71225	LA
72-42-0116	FRANKLIN DAIRY	HOLLY RIDGE	HOLLY RIDGE	71248	LA
72-42-0123	W M ADCOCK	ROUTE 2 BOX 408	RAYVILLE	71269	LA
72-49-0103	JOSEPH CANNATELLA	ROUTE 2	MELVILLE	71353	LA
72-53-0014	J E SONTHEIMER	3229 CARONDELET ST	NEW ORLEANS	70115	LA
72-60-0101	R D HINTON	1501 GLADNEY ST	MINDEN	71055	LA
73-03-9003	J JENE MUNGLE	R R 5	ATOKA	74525	OK
73-04-0022	G B BOWDLE	R R B	BOOKER	79005	TX
73-04-0027	OKIE-PAN DAIRY	2 R PARKER	ELMWOOD	73935	OK
73-09-9004	LESTER KREMEIER	R R 3	OKARCHE	73762	OK
73-09-9010	GOLDEN DEW GUERNSEY FARM	ROUTE 1	MUSTANG	73064	OK
73-16-0005	ELBREGG D SULLIVAN	R R 2	LAWTON	73501	OK
73-23-9002	COMMUNITY JERSEY FARM	ELLIS A WOODS	GAGE	73843	OK
73-23-0006	GLENN B BAYLESS	RT 1	GAGE	73843	OK
73-23-9008	CLARENCE BAY		SHATTUCK	73858	OK
73-24-9001	ENID STATE SCHOOL		ENID	73701	OK
73-24-5006	ELMER ANGLIN	R R 3	ENID	73701	OK
73-24-0010	ERNEST T SEMRAD	R R 1E	HAUKOMIS	73773	OK
73-25-0001	PAULS VALLEY STATE SCH.	BOX 609	PAULS VALLEY	73075	OK

TABLE 9.--LIST OF HERD OWNERS (CONTINUED)

HERD CODE	NAME OF OWNER	STREET-ROUTE	ADDRESS OF OWNER TOWN	ZIP-CODE	STATE
73-26-0010	RAYMOND WEGNER	R R	MINCO	73059	OK
73-26-0024	THOMAS AND RALPH MORGAN	R R 2	CHICKASHA	73018	OK
73-26-0025	JAMES OWENS	R R 3	CHICKASHA	73018	OK
73-26-0035	ROBERT CAREL	R R 1	TUTTLE	73089	OK
73-26-0044	JIM VANDAMANT	R R 1	TUTTLE	73089	OK
73-36-9015	HAROLD HIATT	R R 1	BRAMAN	74632	OK
73-36-0027	HEADS CREST DAIRY	% DON HEAD	HUNNEWELL	66748	KS
73-37-9003	GEORGE L YOEMAN	R R 1	DOVER	73734	OK
73-37-0021	LOUIS SCOTT	R R 1	OMEGA	73764	OK
73-37-0023	ROBERT STONE	R R 1	CASHION	73016	OK
73-41-0028	GERALD REEDY	R R 2	CHANDLER	74834	OK
73-41-0029	CLAUDE LEVISAY AND SON	R R 3	MEEKER	74855	OK
73-45-0016	LEWIS PROCTER	R R 1	ADAIR	74330	OK
73-45-9020	DONALD V MILLER	R R 1	BIG CABIN	74332	OK
73-45-0033	LOWELL WOLF	R R 1	SALINA	74365	OK
73-46-0020	WALLY AND RONNIE SPROUL	R R 2	ISABELLA	73747	OK
73-49-0010	THOM-A-HAWK FARM	R R 3 BOX 161	BLANCHARD	73010	OK
73-55-0016	JOHN STEWARD	STAR ROUTE BOX 112	EDMOND	73034	OK
73-57-9002	WILL R JOHNSON	BOX 175	SKIATOOK	74070	OK
73-57-9003	Y T PARK	R R 3	SKIATOOK	74070	OK
73-60-0010	CIMARRON HOLSTEIN FARM	R R 2	CUSHING	74023	OK
73-60-0034	J C ROGERS	R R 2	STILLWATER	74074	OK
73-61-9001	OKLA STATE PENITENTIARY	DAIRY DEPARTMENT	MC ALISTER	74501	OK
73-70-9015	LOREN HAMM	R R 1	HOOKER	73945	OK
73-70-9022	WHISPERING WINDS FARM	R R 4	HOOKER	73945	OK
73-72-9019	HARBER JERSEY FARM	R R 1 BOX 508	JENKS	74037	OK
73-74-0012	ROCKY HILLS DAIRY	R R 1 BOX 39	BARTLESVILLE	74003	OK
73-76-9008	DONALD EGGLESTON	R R 2	WAYNOKA	73860	OK
73-77-9003	BRIAN C HEDGES	DAIRY SCI DEPT	VICI	73859	OK
74-01-0033	TEX A & M COLLEGE HOL	RT 1 BOX 220	COLLEGE STATION	77840	TX
74-03-0128	GEORGE H ZUCKERO	RT 3 ELLIS FARM	CROCKETT	75835	TX
74-03-0129	TEXAS DEPT CORRECTION	BOX 455	HUNTSVILLE	77340	TX
74-04-0115	ARTHUR DIETERICH FARM	RT 1	DORCHESTER	75030	TX
74-04-0125	HIGH HEDGE FARM	ROUTE 4 BOX 179	COOPER	75432	TX
74-05-0031	DONALD DAVIS	ROUTE 1 BOX 157	CALDWELL	77833	TX
74-06-0003	G L SHOEMAKER	ROUTE 1	MADISONVILLE	77816	TX
74-10-0131	MURIEL E STEUBING	ROUTE 4 BOX 121A	SAN ANTONIO	78228	TX
74-10-0136	GEORGE SOEFJE	ROUTE 2 BOX 511	NEW BRAUNFELS	78130	TX
74-10-0179	WILDOON PETTY	ROUTE 4 BOX 179	GEORGETOWN	78626	TX
74-10-0190	COFFIN JERSEY FARM	ROUTE 1 BOX 157	MATHIS	78368	TX
74-11-0118	PETER PRESCHER	ROUTE 1	GAINESVILLE	76240	TX
74-12-0104	GROUND BROTHERS	ROUTE 1 BOX 294	DESOTO	75115	TX
74-12-0111	DAVID G SMOKLER	1225 FORDHAM	DALLAS	75216	TX
74-12-0125	W S COX	ROUTE 3	WAXAHACHIE	75165	TX
74-14-0122	JAMES KNADEL		COST	78614	TX

TABLE 9.--LIST OF HERD OWNERS (CONTINUED)

HERD CODE	NAME OF OWNER	STREET-ROUTE	TOWN	ZIP-CODE	STATE
74-15-0162	W L PAYTON	ROUTE 1	STEPHENVILLE	76401	TX
74-15-0185	WHITIS HOLSTEIN FARM	ROUTE 4	STEPHENVILLE	76401	TX
74-15-0188	TARLETON STATE COLLEGE	S G WESTBROOK	STEPHENVILLE	76401	TX
74-15-0189	TED SIMPSON	ROUTE 1	BLANKET	76432	TX
74-15-0190	E S BRADLEY	ROUTE 1	DUBLIN	76446	TX
74-16-0116	ANTON TIETJEN JR	ROUTE 2	LA GRANGE	78945	TX
74-16-0128	LA GRANGE JERSEY FARM	P O BOX 433	LA GRANGE	77836	TX
74-16-0136	MILTON BEKEN	ROUTE 3	WEIMAR	78962	TX
74-18-0128	C F TUCKER	446 HOUSTON ST	SULPHUR SPRINGS	75482	TX
74-18-0151	E M MOORE	ROUTE 4	SULPHUR SPRINGS	75482	TX
74-21-0144	C S LANKART	RT 6 BOX 303A	MACO	76706	TX
74-25-0136	RIGLER BROTHERS	BOX 1950	PLAINVIEW	79072	TX
74-25-0199	J CHESTER ELLIFF	ROUTE 1	TULIA	79088	TX
74-25-0204	JONES HALES	ROUTE 1 BOX 21A	CANYON	79015	TX
74-30-0108	R T PAYNE & SON	ROUTE 1 BOX 115	MT PLEASANT	75455	TX
74-31-0114	HERSHEL STUDDARD	ROUTE 2 BOX 153	BELLEVUE	76228	TX
74-32-0145	BYRON PESTER	ROUTE 2 BOX 63 E	HOUSTON	77018	TX
74-33-0171	J E DEEN	RT 7 BOX 456	NACOGDOCHES	75961	TX
74-35-0109	J FRED DAVIS JR	BOX 75	HASLET	76052	TX
74-36-0003	LOUIS SCHUENEMAN	ROUTE 1	CALDWELL	77836	TX
74-36-0007	BOB GRAY JR	RTE 2	HOLLAND	76534	TX
74-36-0019	ELM CREEK FARM JERSEYS	P O BOX 584	CAMERON	76520	TX
74-36-0022	ELM CREEK FARM HOL.	P O BOX 584	CAMERON	76520	TX
74-36-0024	JAMES D ASH	BOX 413 RT 2	BELTON	76513	TX
74-36-0027	MELVIN HRONEK	ROUTE 3 BOX 41	CALDWELL	77836	TX
74-38-0001	FAULTLESS JERSEY FARM	P O BOX 781	DENTON	76201	TX
74-74-0002	J HARREL KNAPE	RT 1 BOX 476	ALVIN	77511	TX
74-74-0005	S R DONAHO	ROUTE 2 BOX 75	FLORESVILLE	78114	TX
74-74-0009	ERWIN H SCHENDEL	UTE 2 BOX 75	RUNGE	78151	TX
74-74-0018	ED WINSTON	RT 2 BOX 144	ALVIN	77511	TX
81-16-9031	BUSTANA RANCH	RT 1	MANHATTAN	59741	MT
81-16-9184	HENRY DYK	RT 1	MANHATTAN	59741	MT
81-16-9187	JOHN & DON DYKSTRA	RT 1 BOX 314	MANHATTAN	59741	MT
81-16-9512	HARVEY MOSS & SONS	DAIRY DEPARTMENT	BELGRADE	59714	MT
81-16-9514	MONTANA ST UNIVERSITY		BOZEMAN	59715	MT
81-16-0842	JOHN R VANDYKEN	RT 1	MANHATTAN	59741	MT
81-50-9576	MILKY WAY DAIRY	ROUTE #1	FAIRFIELD	59436	MT
82-11-0218	EUGENE BALDWIN	ROUTE 1	MERIDIAN	83642	ID
82-11-0244	LARRY IRISH	ROUTE 1	EAGLE	83616	ID
82-12-0119	ROBERT S DAVIS	ROUTE 1	KUNA	83634	ID
82-12-9122	ROY EDDLEMAN & SON	ROUTE 6	NAMPA	83651	ID
82-12-0124	THOMAS COOPER	ROUTE 3	NAMPA	83651	ID
82-12-5138	OREGON TRAIL FARMS	ROUTE 1	NAMPA	83651	ID
82-12-9140	LARRYDALE FARMS INC	ROUTE 6	NAMPA	83651	ID
82-12-0144	STEWART FARMS INC	ROUTE 3	NAMPA	83651	ID

TABLE 9.--LIST OF HERD OWNERS (CONTINUED)

HERD CODE	NAME OF OWNER	STREET-ROUTE	TOWN	ZIP-CODE	STATE
82-13-0113	RICHARD O BRASS	ROUTE 1	CALDWELL	83605	ID
82-13-0149	PAUL SCHULER	MOUNTED RTE	NAMPA	83651	ID
82-14-0111	DIRKSEN-AGEE DAIRY FARMS	ROUTE 3	MERIDIAN	83642	ID
82-14-0157	W J WAGONER & SON	ROUTE 2	MERIDIAN	83642	ID
82-15-0198	JOHN & WAYNE VASSAR	ROUTE 5	NAMPA	83651	ID
82-15-0269	PAUL W KORN	ROUTE 2	NAMPA	83651	ID
82-16-0141	MR & MRS RAYMOND D LANE	ROUTE 2	MERIDIAN	83642	ID
82-17-0151	E L HARRIS	ROUTE 1	EAGLE	83616	ID
82-22-0010	CLAUDE GROSS & SONS	ROUTE 1	KUNA	83634	ID
82-26-0255	FLOYD EDWARDS	ROUTE 6	NAMPA	83651	ID
82-29-0213	HERMAN NIELSON		WESTON	83286	ID
82-32-0141	RILEY L MICKELSON		GRACE	83241	ID
82-32-0157	DANIEL MICKELSON		GRACE	83241	ID
82-36-0140	ARCHIE MALONE	RURAL RTE 1	JEROME	83338	ID
82-39-0119	BERT HYMAS	ROUTE 2	REXBURG	83440	ID
82-39-0126	SILAS E SPAULDING	ROUTE 1	REXBURG	83440	ID
82-39-0132	ARDEN G KLINGLER	ROUTE 2	REXBURG	83440	ID
82-39-0165	H R PARKER & SONS	RURAL RTE 2	ST ANTHONY	83445	ID
82-40-0164	JACK HILTEBRAND	ROUTE 5	RUPERT	83350	ID
82-41-0021	REX GERRATT	ROUTE 1	BURLEY	83318	ID
82-48-0121	D H KOCHER	RURAL RTE	NEW PLMTH	83655	ID
82-48-0150	CHAS J & ROBERT A PRITZL	ROUTE 2	NEW PLMTH	83655	ID
82-49-0165	LLOYD E & ALAN JOHNSON	ROUTE 1	NEW PLMTH	83655	ID
82-51-0125	SOREN & GERALD JENSEN	ROUTE 3	BUHL	83316	ID
82-52-0119	IRVIN EHLERS	ROUTE 1	TWIN FLS	83301	ID
82-52-0169	WALTER MATTHIESEN	ROUTE 2	FILER	83328	ID
82-52-0173	DALE WILLIAMS	ROUTE 2	FILER	83328	ID
82-52-0203	T W RICHMOND	ROUTE 1	BUHL	83307	ID
82-58-0137	TED MULBERRY	ROUTE 4	IDAHO FLS	83401	ID
82-66-0040	JOHN MILES & SON	RURAL RTE	WEIPPE	83553	ID
83-10-0148	UNIVERSITY OF WYOMING	AGRIC SUBSTATION	AFTON	83110	WY
83-13-0100	WYO STATE TR SCHOOL	P. O. BOX 659	LANDER	82520	WY
84-03-0025	WM WAILLES	R R 1	JOHNSTOWN	80534	CO
84-03-0032	NORMAN CARLSON	ROUTE 1 BOX 139	BERTHOUD	80513	CO
84-03-0036	WILLIAM H EGNER	ROUTE 1 BOX 147	LOVELAND	80537	CO
84-03-0053	RAY J DECHANT	RT 1 BOX 61	BERTHOUD	80513	CO
84-03-0224	HIROSHI TATEYAMA		AULT	80610	CO
84-03-0307	EDWEN WIEDEMAN	ROUTE 3 BOX 436	GREELEY	80631	CO
84-03-0461	CARL-AYR FARM	RT 2 BOX 6	FT LUPTON	80621	CO
84-03-0480	JOSEPH J TRUSTEL	RT 2 BOX 196	BRIGHTON	80601	CO
84-04-0306	RAYMOND POWERS	RR 1 BOX 110	COLO SPRGS	80907	CO
84-04-0910	MYRON STRATTON HOME	HWAY 115 SOUTH	COLO SPRGS	80909	CO
84-04-0925	TED D WILSON		PARKER	80134	CO
84-04-0935	WILLIAM BRUCE MOUNT		ELIZABETH	80107	CO
84-06-0907	COLO STATE UNIVERSITY	ANIMAL SCIENCE DEP	FT COLLINS	80521	CO

TABLE 9.--LIST OF HERD OWNERS (CONTINUED)

HERD CODE	NAME OF OWNER	STREET--ROUTE	TOWN	ZIP--CODE	STATE
84-06-9012	DUANE R FISHER	R R 4 BOX 226	FT COLLINS	80521	CO
84-06-9072	COLORADO STATE UNIVERSITY	ANIMAL SCIENCE DEP	FT COLLINS	80521	CO
84-06-0139	EAST GLADE DAIRY	ESTES PARK RT	LOVELAND	80537	CO
84-06-9208	CLIFFORD WAAG	ROUTE # 4 BOX 59	FT COLLINS	80521	CO
84-07-0034	DEAN FORSYTH	RT # 4 BOX 61	LONGMONT	80501	CO
84-07-9050	THAYERS FARM	ROUTE 1 BOX 37	BROOMFIELD	80020	CO
84-07-9064	MILE HI SWISS	RT 1	ERIE	80516	CO
84-07-9068	PAULAMAR FARMS	RT 1 BOX 312	LOUISVILLE	80027	CO
84-07-0075	BOULDER VLY HOLSTEINS	1042 95TH ST	LAFAYETTE	80026	CO
84-07-9077	RAYMOND E UMBACH	1750 30TH STREET	BOULDER	80302	CO
84-08-9004	COLORADO STATE SCHOOL	P. O. BOX 2568	GRAND JUNCTN	81508	CO
84-08-0056	GARFIELD COMPANY	C/O HANK WILLIAMS	GLENWOOD SP	81601	CO
84-11-9034	ROBERT BUTLER	RT 2 BOX 127-C	BRIGHTON	80601	CO
84-11-9038	ALBERT FUOS	RT 2 BOX 124	BRIGHTON	80601	CO
84-15-9019	SAN YSIDRO JERSEY INC	BOX 68	FT MORGAN	80701	CO
84-30-9001	J H KNOOP AND F GRAY	ROUTE 1	ALAMOSA	81101	CO
84-30-0023	MAX BARR	WAGES ROUTE	SANFORD	81151	CO
84-37-9012	LLOYD HEIMER	P. O. BOX 940	HOLYOKE	80734	CO
85-01-9001	BJ ROMIG PUREBRED HERD	BOX 365	LAS CRUCES	88001	NM
85-01-9002	NEW MEXICO STATE UN		UNIV PARK	88070	NM
85-02-9015	VALLEY GOLD DAIRY FARM	ROUTE 1 BOX 8588	ALBUQUERQUE	87102	NM
85-03-0016	EDEAL DAIRY	STAR RT 2 BOX 17	LOS LUNAS	87031	NM
85-06-9001	HANDLEY GUERNSEY DAIRY	ROUTE 1 BOX 645	ALBUQUERQUE	87102	NM
85-07-9014	LILLYWHITE RANCH		AZTEC	87410	NM
85-07-9014	ROBERT M BARLEY	P. O. BOX 217	HOPE	88250	NM
85-20-9001	MURMUND JERSEY DAIRY	P. O. BOX U	ALAMOGORDO	88310	NM
85-21-9001	PRICE-BLACK FARM INC		ARREY	87930	NM
85-32-9005	PRICES EL PASO DAIRY	P O BOX 3008 STA A	EL PASO	79923	TX
86-01-9022	BUTLER DAIRY	RT 1 BOX 227 C	BUCKEYE	85326	AZ
86-01-9039	JAMES L COOPER & SONS	1059 S STAPLEY DRV	MESA	85201	AZ
86-01-9078	EDENDALE RANCH	RT 4 BOX 349 C	PHOENIX	85031	AZ
86-01-9097	KRUFF JERSEY RANCH	RT 2 BOX 250	TEMPE	85281	AZ
86-01-9127	NORCLIFF HOLSTEIN INC.	RT 2 BOX 178	CHANDLER	85224	AZ
86-01-9153	C. T. SHARP	1816 EAST BROWN	MESA	85201	AZ
86-01-9323	KEMPTON & SNEDIGAR	ROUTE 2 BOX 192	TEMPE	85281	AZ
86-01-0447	MOUNTAIN SHADOW DAIRY		LITCHFIELD PARK	85340	AZ
86-01-0456	PAUL L. CHRISTOPH	5555 E. THOMAS RD.	MESA	85201	AZ
86-01-0481	DELBERT HENRY	RT BOX 720	TEMPE	85281	AZ
86-02-9008	ALVIN H KEMPTON	ROUTE 1 BOX 52	COOLIDGE	85228	AZ
86-02-9012	W T MC CLELLAND	P O BOX 5524	TUCSON	85703	AZ
86-02-0019	A BRUCE KNAPP	P. O. BOX 5544	TUCSON	85703	AZ
86-02-9027	DAIRY SCIENCE DEPT	UNIVERSITY OF ARIZ	TUCSON 25	85721	AZ
87-01-0994	WALDO YARDLEY & SONS	P. O. BOX 161	BEAVER	84713	UT
87-02-0455	JOHN M HARDY	RFD 1	BRIGHTON CTY	84302	UT
87-02-0744	HOWARD C MAUGHAN	RFD	GARLAND	84312	UT

TABLE 9.--LIST OF HERD OWNERS (CONTINUED)

HERD CODE	NAME OF OWNER	STREET-ROUTE	TOWN	ZIP-CODE	STATE
87-02-0955	TULEYVIEW HOLSTEINS	R F D 1	BRIGHAM CITY	84302	UT
87-03-0015	ARTHUR ANDERSON	RFD	WELLSVILLE	84339	UT
87-03-9017	HOWARD G. ANDERSEN		RICHMOND	84333	UT
87-03-9071	LUDEAN BALLS		HYDE PARK	84318	UT
87-03-0172	WENDELL D BUTTARS		LEWISTON	84320	UT
87-03-9223	UTAH STATE UNIVERSITY	U S U DAIRY HERD	LOGAN	84321	UT
87-03-0261	TINO FEDERICO		TRENTON	84338	UT
87-03-0287	GIBBONS BROS		LEWISTON	84320	UT
87-03-9316	ROSS H GORDON		LEWISTON	84320	UT
87-03-0566	NORMAN BROS	% WAYNE NORMAN	PARADISE	84328	UT
87-03-0595	NEIL OLSEN	BOX 26	HYDE PARK	84318	UT
87-03-9625	LEO PERKES		HYDE PARK	84318	UT
87-03-0794	WILLIS SHARP		LEWISTON	84320	UT
87-03-0848	F EDIS TAGGART		LEWISTON	84320	UT
87-03-9905	UTAH STATE UNIVERSITY	U S U DAIRY HARD	LOGAN	84321	UT
87-06-9060	RULON D BARNES	R F D	KAYSVILLE	84037	UT
87-06-0700	RICHARDS JERSEY FARM	% AARON RICHARDS	FARMINGTON	84025	UT
87-06-0926	RONALD M TURNER	BOX 75	FARMINGTON	84025	UT
87-09-0900	ROBERT WALKER	RURAL RT	FERRON	84523	UT
87-18-0886	UTAH STATE PRISON	R B DEVINE BOX 250	DRAPER	84020	UT
87-18-9927	WILLIS WHITBECK	5770 S RDWD	MURRAY	84107	UT
87-20-0455	R A JENSEN	RFD	MANTI	84642	UT
87-22-0726	GEORGE E PACE	RFD	COALVILLE	84017	UT
87-25-9076	B Y U DAIRY HERD	RT 1 BOX 32A	SPANISH FORK	84660	UT
87-25-9084	WILLIAM GARRY BROWN	RFD	SANTAQUIN	84655	UT
87-25-0128	DARREL L CLEGG	RFD 1 BOX 394	PROVO	84601	UT
87-25-9305	MAX GRAFF	RFD 1 BOX 42	AMERICAN FORK	84003	UT
87-25-9430	INTERCHANGE DAIRY	1275 SO. SANDHILL	OREM	84057	UT
87-25-9487	DEXTER KENT	RT 1 BOX 374	PROVO	84601	UT
87-25-0862	THOMAS FARMS	RT 2 BOX 23	SPANISH FORK	84660	UT
87-25-9924	CHARLES WARNICK	RFD BOX 376	PL GROVE	84062	UT
87-25-0938	MERRILL N WARNICK	RFD BOX 372	PLEASANT GR	84062	UT
87-26-0299	WILLIAM P ELUREDEGE	RFD BOX 182	HEBER	84032	UT
87-26-0522	LE ROY A KOHLER	RFD	HEBER	84032	UT
87-26-0658	CALVIN J PRUHST	RFD	HEBER	84032	UT
87-26-0722	GRANT REMUND		HEBER	84032	UT
87-29-0074	HAROLD BUCK	R F D 1	OGDEN	84401	UT
87-29-9499	ALEX PAPAGEORGE	ROUTE 3	OGDEN	84404	UT
87-29-0595	SANDY ACRES JERSEY FARM	2730 WEST 4800 SO	ROY	84067	UT
87-29-9712	LOWELL STALLINGS		FDEN	84310	UT
87-29-0837	BYRON THOMPSON	ROUTE 2	UGDEN	84404	UT
87-29-0861	MERVIN THOMPSON	ROUTE 2	OGDEN	84404	UT
87-29-0946	OWEN WAYMENT	ROUTE 2	WARREN	84404	UT
88-01-9002	NEWELL J MILLS	RT 1 BOX 153	FALLON	89406	NV
88-01-9004	THOMAS PFLUM	RT 1 BOX 206	FALLON	89406	NV

TABLE 9.-LIST OF HERD OWNERS(CONTINUED)

HERD CODE	NAME OF OWNER	STREET-ROUTE	TOWN	ADDRESS OF OWNER	ZIP-CODE	STATE
88-01-9020	CHARLES FREY	RT 1	FALLON		89406	NV
88-01-9023	LYLE A MC GEE	ROUTE 1 BOX 123	FALLON		89406	NV
88-01-9033	ELBERT L MILLS	RT 1 BOX 38C	FALLON		89406	NV
88-01-0035	DONALD STENERI	BOX 23	HAZEN		89417	NV
88-02-0011	L D S WELFARE FARM	6206 MONSON RD	LAS VEGAS		89109	NV
88-02-0015	HUGHES BROS	% MR DEE HUGHES	MESQUITE		89024	NV
88-15-9001	WM B HODGES	P. O. BOX 22	FERNLEY		89408	NV
88-16-9004	FRED WEAVER	2070 HOLCOMB LANE	RENO		89502	NV
88-16-9005	DR H P ADAMS	UNIV OF NEVADA	RENO		89507	NV
91-10-5022	HAROLD E HERRETT	RT 2 BOX 93	SEQUIM		98382	WA
91-10-5034	C A ROBINSON & SON	RT 1 BOX 123	SEQUIM		98382	WA
91-10-5064	LAMAR MILLET	RT 1 BOX 166	SEQUIM		98382	WA
91-12-0011	FERRIS ENGLISH	RT 2 BOX 260	CAMAS		98607	WA
91-12-0013	FRANK MESSNER	RT 1 BOX 324	BRUSH PR		98606	WA
91-12-0024	STICKNEY DAIRY	4319 NE 162ND AVE	VANCOUVER		98665	WA
91-12-0042	WALTER HUNTINGTON	RT 1 BOX 89	BRUSH PR		98606	WA
91-12-0049	GEORGE RASMUSSEN	RURAL RTE	LA CENTER		98629	WA
91-12-0075	H L ELDRIDGE	RT 1 BOX 388	WASHOUGAL		98671	WA
91-12-0101	GORDON G ANDERSEN	RT 1 BOX 12	BRUSH PR		98606	WA
91-12-5117	TOTEM POLE FARMS	6620 WILLOW GROVE	LONGVIEW		98632	WA
91-12-0130	R J DARLING	6112 NE 179TH ST	VANCOUVER		98665	WA
91-26-0002	GEORGE & JAY ROYLANCE	EAST STAR RTE	OTHELLO		99344	WA
91-34-5002	MARTIN HOLDENER & SON	RT 3 BOX 681	ENUMCLAW		98022	WA
91-34-0006	LEON ANGERER	ROUTE 1	FALL CITY		98024	WA
91-34-0013	CJOY BROTHERS	ROUTE 1	MONROE		98272	WA
91-34-0067	EDWARD SINNEMA	ROUTE 1	CARNATION		98014	WA
91-34-5079	C W WATSON	RT 3 BOX 319	ENUMCLAW		98022	WA
91-34-0148	DONALD DE BOER	ROUTE 1	CARNATION		98014	WA
91-34-5181	CARNATION FARMS	ROUTE 1	CARNATION		98014	WA
91-38-0067	C H BAUMANN & SON	STAR RTE	LEAVENWORTH		98826	WA
91-38-5101	RICHARD H DIEBEL	STAR RTE	RIVERSIDE		98849	WA
91-42-5016	MATHEW RAKGZ	RT 3 BOX 584	CENTRALIA		98531	WA
91-42-5048	FRANK DECK & SONS	RT 1 BOX 319	CHEHALIS		98532	WA
91-50-0007	JACK BURKHALTER	ROUTE 1	RAYMOND		98577	WA
91-54-5043	WILLIS WOOD	RT 1 BOX 209	EATONVLE		98328	WA
91-54-0049	CLOVERLEAF FARMS INC	RT 1 BOX 230	ORTING		98360	WA
91-54-0069	FRANK SWETZ	RT 1 BOX 518	GRAHAM		98338	WA
91-54-5110	LOUIE DECK	RT 1 BOX 63	EATONVLE		98328	WA
91-58-5007	L W POWER	ROUTE 1	BURLINGTN		98233	WA
91-58-5025	CHAS DAMON & SONS	RURAL RTE	BOW		98232	WA
91-58-5037	HERBERT V EKSTRAN	RURAL RTE	BOW		98232	WA
91-58-5045	FRIEDRICH BROS	ROUTE 1	BOW		98232	WA
91-58-5049	A W GADBOIS & SUN	ROUTE 4	MT VERNON		98273	WA
91-58-5056	ALBERT JOHNSON	RT 3 BOX 39	MT VERNON		98273	WA
91-58-5064	KRANGNES BROS	ROUTE 3	MT VERNON		98273	WA

TABLE 9.--LIST OF HERD OWNERS (CONTINUED)

HERD CODE	NAME OF OWNER	STREET--ROUTE	TOWN	ZIP--CODE	STATE
91-58-5110	TENNESON BROS	ROUTE 1	SEDRO WOOLLEY	98284	WA
91-58-5119	WALTNER FARMS	ROUTE 3	MT VERNON	98273	WA
91-58-5132	I W YOUNGQUIST	ROUTE 1	BOW	98232	WA
91-58-5145	MERLE MILLER	ROUTE 1	BURLINGTN	98233	WA
91-58-0207	LAWRENCE RIP	RTE 2 BOX 536	OAK HARBR	98277	WA
91-62-5001	BAILAND FARMS	RTE 3 BOX 23	SNOHOMISH	98290	WA
91-62-5002	FARM INDUSTRIES 153	P O BOX 98	MONROE	98272	WA
91-62-0009	R E BARTELHEIMER	RTE 2 BOX 116	SNOHOMISH	98290	WA
91-62-5016	WILLIAM H BOYDEN	RTE 2 BOX 310	MONROE	98272	WA
91-62-0021	FRANK J BUELER	RTE 1 BOX 175	SNOHOMISH	98290	WA
91-62-0032	G M ELLIOTT	ROUTE 4	ARLINGTON	98223	WA
91-62-0051	PETER HENNING	RTE 1 BOX 73	ARLINGTON	98223	WA
91-62-0060	WALTER DEJONG	ROUTE 1	MONROE	98272	WA
91-62-5118	VALLEY GEM FARMS INC	BOX 97	ARLINGTON	98223	WA
91-64-5025	J L & DAVID ECCLES	RURAL RTE	MEDICL LK	99022	WA
91-64-0046	BOB GIBSON	LONGMEDO GUERNSEY			
91-64-5048	SIMPSON'S DELLANNA FARMS	ROUTE 3	DEER PARK	99006	WA
91-64-5073	BETTYDON JERSEY	RURAL RTE	DEER PARK	99006	WA
91-66-0102	W C OTT	ROUTE 1	DEER PARK	99006	WA
91-68-0003	RALPH BREWER	RTE 1 BOX 109	ADDY	99101	WA
91-68-5032	HAROLD METRAKES		SHELTON	98584	WA
91-70-5017	HARRY STEFFEN	RTE 1 BOX 121	YELM	98597	WA
91-70-5027	ARTHUR VIK	WAHIAKUM HOLSTEIN	SKAMOKAWA	98647	WA
91-72-0004	DWIGHT MCCAW & SONS	ROUTE 1	CATHLAMET	98612	WA
91-72-0010	DONALD TOMLINSON	RURAL RTE	LOWDEN	99342	WA
		RTE 2 BOX 319	WAL WALLA	98362	WA
91-72-5020	WALLA WALLA COLLEGE FARM	C/O WM KOENIG RTE	WAL WALLA	99362	WA
91-74-5002	ERNEST E NOLTE	ROUTE 1	EVERSON	98247	WA
91-74-5003	T J BAY	8526 BENSON RD	LYNDEN	98264	WA
91-74-0004	HOVANDER FARMS	RURAL RTE 3	FERNDAL	98248	WA
91-74-5022	FRED REHM & SON	199 H ST RD	LYNDEN	98264	WA
91-74-5027	ED & ALVIN CALLENIUS	ROUTE 1	SUMAS	98295	WA
91-74-5047	RONELEE FARM	8075 BYLSMA RD	LYNDEN	98264	WA
91-74-5067	MARVIN VAN MERSBERGEN	1492 PANGBORN RD	LYNDEN	98264	WA
91-74-5118	ROZELYN FARM	9265 DOUBLE DITCH	LYNDEN	98264	WA
91-74-0143	LARRY RICHNEK	4476 MT BAKER HWY	EVERSON	98247	WA
91-74-0150	VICTOR E BLUMENTHAL	437 E POLE ROAD	LYNDEN	98264	WA
91-78-5002	ART WINTERS	ROUTE 3	WAPATO	98951	WA
91-78-0005	NE-HOUSE FARMS	RTE 1 BOX 125	MABTON	98935	WA
91-78-0027	E M RUSSELL	ROUTE 4	WAPATO	98951	WA
91-78-0119	WALTER PETERSON	RTE 1 BOX 74	PROSSER	99350	WA
92-02-5024	OREGON STATE COLLEGE	120 WITHYCOMBE HLL	CORVALLIS	97331	WA
92-02-0033	J W COOK	RTE 1 BOX 335A	ALBANY	97321	OR
92-03-5008	STAEHELJ BRUS	RTE 1 BOX 566	ORE CITY	97045	OR
92-03-5054	WINFIELD F MUFFETT	RTE 2 BOX 40	MOLALLA	97038	OR
92-04-5038	USO ASTOR BRANCH EXP STA	RTE 1 BOX 921	ASTORIA	97103	OR

TABLE 9.--LIST OF HERD OWNERS(CONTINUED)

HERD CODE	NAME OF OWNER	STREET-ROUTE	TOWN	ADDRESS OF OWNER	ZIP-CODE	STATE
92-05-5026	DONALD R MEIER	RTE 2 BOX 274	SCAPPOOSE		97056	OR
92-06-5043	WAYNE RUSSELL	1030 NORTH BANK RD	COQUILLE		97423	OR
92-06-0049	LEONARD SCOLARI	BOX 5820 FAIRVIEW	COQUILLE		97423	OR
92-06-0060	NEIL S ROOD	RTE 3 BOX 186	COOS BAY		97420	OR
92-09-0038	LAWRENCE ALLEN	RTE 2 BOX 183	BEND		97701	OR
92-13-0020	EVERET & MARION ROBINSON	100 REDLAND DR	GRANTS PS		97526	OR
92-13-0029	VAL ROGUE GUERNSEY FARM	3047 UPPER RIVER R	GRANTS PS		97526	OR
92-14-0020	DR H L VIDRICKSEN	RTE 1 BOX 452	WEED		96094	CA
92-16-5024	HEMEN WAY FARMS	RTE 1 BOX 39	COTAGE GR		97424	OR
92-16-0109	SAM KJELDE & SONS	BOX 533 B B RTE	COTAGE GR		97424	OR
92-18-5008	JAMES RUBY & SON	RTE 3 BOX 17	SCIO		97374	OR
92-18-0009	FISHER FARMS JERSEYS	ROUTE 1	HALSEY		97348	OR
92-18-0027	JESSE GRIESER	RTE 3 BOX 1128	ALBANY		97321	OR
92-18-0047	HAZEL HUGHES	RTE 1 BOX 126	HALSEY		97348	OR
92-19-0004	HOWARD R BAIR	RTE 2 BOX 309	NYSSA		97913	OR
92-19-0083	JAMES E PHIFER	RTE 1 BOX 213	NYSSA		97913	OR
92-20-0033	MT ANGEL ABBEY DAIRY		ST BENDCT		97373	OR
92-20-0041	NEAL W MILLER	RTE 1 BOX 328	WOODBURN		97071	OR
92-20-0074	CAROLL L ELLISON	RTE 1 BOX 103	MT ANGEL		97362	OR
92-20-0086	CHARLES FAESSLER	RTE 2 BOX 161	SILVERTON		97381	OR
92-20-5100	JOHN RASMUSSEN	STAR RTE BOX 88	ST PAUL		97137	OR
92-20-5108	PAUL & DELORES MANN	RTE 1 BOX 305	SILVERTON		97381	OR
92-20-5116	EARL BARBER	RTE 1 BOX 129	BROOKS		97305	OR
92-20-0119	E S COATS & SONS	RTE 4 BOX 46	SALEM		97301	OR
92-22-5023	GEO KNAUPP-LOYD INGRAM	RTE 1 BOX 307	INDPNDCNE		97351	OR
92-22-5045	HELEN M & HARLD M CHERRY	RTE 1 BOX 447	SALEM		97304	OR
92-23-0002	ROBERT & JAMES ATKINSON	RTE 2 BOX 159	CLOVRDALE		97112	OR
92-23-5008	ALFRED & WALTER ZWALD	RTE 1 BOX 24	TILLAMOOK		97141	OR
92-23-0046	DURRER BROS	RTE 2 BOX 895	TILLAMOOK		97141	OR
92-23-0049	HAROLD PARKER	RTE 2 BOX 241	CLOVRDALE		97112	OR
92-23-0089	EDWIN BARBER	RTE 1 BOX 262	NEHALEM		97131	OR
92-23-0100	RUDY FENK JR	RTE 1 BOX 43	TILLAMOOK		97141	OR
92-23-0106	HARVEY WYSS	RTE 2 BOX 327	TILLAMOOK		97141	OR
92-23-0112	RICHARD E TOHL	RTE 1 BOX 570	TILLAMOOK		97141	OR
92-24-0033	JERRY WATERS	RTE 1 BOX 33A	STANFIELD		97875	OR
92-27-5013	EVER MAY FARM INC	RTE 2 BOX 232	FOREST GR		97116	OR
92-27-5025	FRANCIS HERTEL	RTE 1 BOX 71	CORNELIUS		97113	OR
92-27-5030	GLEN P IRELAND	RTE 2 BOX 398	FOREST GR		97116	OR
92-27-0056	DALE SCHELLER	RTE 3 BOX 613	HILLSBORO		97123	OR
92-27-0094	ALVIN & THERESA MEURY	RTE 1 BOX 331	FOREST GR		97116	OR
92-40-5006	DONALD D MORRIS	RTE 3 BOX 46	REEDSPORT		97467	OR
93-04-9042	CHICO STATE COLLEGE	M BORGES DAIRY DPT	CHICO		95926	CA
93-07-0002	BURROUGHS BROS	ROUTE 2 BOX 480	OAKLEY		94561	CA
93-10-9011	FRESNO STATE COLLEGE	DAIRY PROD DEPT	FRESNO		93726	CA
93-10-9018	M KETSCHER	21413 EAST JENSEN	REEDLEY		93654	CA

TABLE 9.--LIST OF HERD OWNERS (CONTINUED)

HERD CODE	NAME OF OWNER	STREET-ROUTE	TOWN	ADDRESS OF OWNER	ZIP-CODE	STATE
93-10-9032	J C ANDRESEN	10610 W WHITESBRID	FRESNO	FRESNO	93706	CA
93-10-9040	A J QUIST DAIRY	5500 W JENSEN	FRESNO	FRESNO	93706	CA
93-10-9058	NINO GROPPETTI & SON	P. O. BOX 646	SAN JOAQUIN	SAN JOAQUIN	93660	CA
93-10-0078	COALINGA SCHOOL FARM	750 VAN NESS AVE	COALINGA	COALINGA	93210	CA
93-10-9156	HILLSPRIDE HOLSTEIN	4536 W HARLAN	RIVERDALE	RIVERDALE	93656	CA
93-10-9175	RU ANN DAIRY	7285 W DAVIS AVE	RIVERDALE	RIVERDALE	93656	CA
93-10-9269	BRANLEY RANCH	2588 S BRAWLEY AVE	FRESNO	FRESNO	93727	CA
93-10-0277	ELLIOTT & EISEN	3650 SO CHERRY AVE	FRESNO	FRESNO	93706	CA
93-10-9278	PRODUCERS HOLSTEIN	144 E BELMONT	FRESNO	FRESNO	93701	CA
93-10-0286	RALPH FRIES	P.O. BOX 116	RAISTIN	RAISTIN	93652	CA
93-11-9001	BAILEY BROTHERS	RT 1 BOX 454	GLENN	GLENN	95943	CA
93-11-9039	WACKERMAN BROTHERS	RT 1 BOX 172	ORLAND	ORLAND	95963	CA
93-11-9144	ARTHUR M AVRIT	RT 4 BOX 217	CHICO	CHICO	95926	CA
93-12-9005	DONALD F GIACOMINI	R F D BOX 56	FERNDALE	FERNDALE	95536	CA
93-12-0011	JOSEPH M REGLI	RF BOX 13	FERNDALE	FERNDALE	95536	CA
93-12-9061	J W COPPINI ESTATE	P. O. BOX 535	FERNDALE	FERNDALE	95536	CA
93-19-9056	ANDREW HOP, JR	13200 E SOUTH STRE	ARTESIA	ARTESIA	90701	CA
93-19-9061	JESSUP FARMS	5431 SAN FERNANDO	GLENDAL 3	GLENDAL 3	91203	CA
93-19-0086	L A PIERCE COLLEGE	6201 WINNETKA BLVD	WOODLAND HILLS	WOODLAND HILLS	91364	CA
93-19-9165	HENRY STERK	12160 195TH AVE	ARTESIA	ARTESIA	90701	CA
93-19-9303	PAULS DAIRY	6170 PARAMOUNT	LONG BEACH	LONG BEACH	90805	CA
93-19-9316	ARTEVEL FARMS	18625 SO GRIDLEY	ARTESIA	ARTESIA	90701	CA
93-21-9062	CHAS SPALETTA	6701 RED HILL RD	PETALUMA	PETALUMA	94952	CA
93-21-9091	MANUEL GONZALES	LUCAS VALLEY RD	SAN RAFAEL	SAN RAFAEL	94903	CA
93-21-9122	MARVIN L NUNES		PT REYES STN	PT REYES STN	94956	CA
93-23-9009	MENDOCINO STATE HOSP	P O BOX X	TALMAGE	TALMAGE	95481	CA
93-23-0026	A C MC CHESNEY	1328 SOUTH STATE	UKIAH	UKIAH	95482	CA
93-24-0031	H G FAWCETT FARMS	P O BOX 231	LOS RANOS	LOS RANOS	93635	CA
93-24-9062	HOWARD G FARNSWORTH	RT 2 BOX 260	LE GRAND	LE GRAND	95333	CA
93-24-9099	JOHN G VIERRA	20755 WEST RIVER R	STEVENSON	STEVENSON	95374	CA
93-24-0117	WOLFSEN BROTHERS	RT 2 BOX 153	DOS PALOS	DOS PALOS	93620	CA
93-24-9180	JOE L VIERRA	10990 W LIVINGSTON	LIVINGSTON	LIVINGSTON	95334	CA
93-24-9204	JOE M TRINDADE JR	3101 NO TRINDADE R	MERCED	MERCED	95340	CA
93-24-0368	CARPANTA DAIRY	RT-1 BOX 111	DOS PALOS	DOS PALOS	93620	CA
93-24-0447	L REBELO & CO	6255 SO HALEY ROAD	GUSTINE	GUSTINE	95322	CA
93-24-9454	VICTOR L GOUVEIA, JR	23561 TURNER AVE	HILMAR	HILMAR	95324	CA
93-27-9062	RINCON DAIRY	560 SAN JUAN ROAD	GONZALES	GONZALES	93926	CA
93-27-9029	BLANCO DAIRY	P. O. BOX 62	SALINAS	SALINAS	93901	CA
93-27-0054	LOUIS R CALCAGNO	P.O. BOX 2266	MOSS LANDING	MOSS LANDING	95039	CA
93-27-0071	MISSION DAIRY JERSEYS		GONZALES	GONZALES	93926	CA
93-27-0072	ALVES DAIRY	ROUTE 1 BOX 199	HALF MOON BAY	HALF MOON BAY	94019	CA
93-33-9010	L D S WELFARE RANCH	6313 ARCHIBALD AVE	CORONA	CORONA	91720	CA
93-33-9041	EXCELSIOR FARMS	RT 1 BOX 128	CORONA	CORONA	91720	CA
93-33-9045	DAN HOLLINGSWORTH	39225 N RAMONA BLV	SAN JACINTO	SAN JACINTO	92393	CA
93-33-0056	J F SAUNDERS	RT 1 BOX 329A	CORONA	CORONA	91720	CA

TABLE 9.--LIST OF HERD OWNERS(CONTINUED)

HERD CODE	NAME OF OWNER	STREET--ROUTE	TOWN	ADDRESS OF OWNER	ZIP-CODE	STATE
93-33-0079	GERRIT BOS & SONS	6481 WINEVILLE AVE	MIRA LUMA		92354	CA
93-34-9148	VERNON MACLUSE	P.O. BOX 327	RIO LINDA		95673	CA
93-36-0012	RAY GREYDANUS & SONS	16221 S EUCLID AVE	CHINO		91710	CA
93-36-9024	SHADY GROVE # 1	P O BIN J	UPLAND		91786	CA
93-36-9219	MAYNARD G ENGLE	7941 CHINO AVENUE	ONTARIO		91761	CA
93-36-9243	CHARLIE VAN DER KOOI	8331 EDISON	CHINO		91710	CA
93-36-0249	SCOTT BROS DAIRY	1097 E PHILADELPHI	POMONA		91766	CA
93-37-9014	WEARY RIVER RANCH	ROUTE 4 BOX 820	ESCONDIDO		92025	CA
93-37-9031	SWEET HAVEN DAIRY INC	6135 SAN MIGUEL RD	NATNL CITY		92050	CA
93-37-9036	JOSEPHINE L SCRIPPS	HI HOPE RANCH	SAN LUIS REY		92068	CA
93-39-0001	LOUIS AUFDERMAUR	J17839 SO. MCKINLE	LATHROP		95330	CA
93-39-0005	WALTER BETSCHART	206755 SOULD AUSTI	MANTECA		95336	CA
93-39-9015	CLEVERLANDS	26524 S HIWAY 33	TRACY		95376	CA
93-39-0028	MARCELL DICKENS	RT 1 BOX 456	OKDALE		95361	CA
93-39-0077	FARM & CREAMRY	% JOE RAMSEY	FRENCH CAMP		95231	CA
93-39-0087	BORIDEE HOLSTEINS	J27692 E OWENS RD	ESCALON		95320	CA
93-40-9002	CALIF STATE POLY	% H TOONE	SN LUS OBSPO		93401	CA
93-40-0019	CALIF STATE POLY	C/O R NELSON	SAN LUIS OBSPO		93401	CA
93-40-9029	HENDRIK DE BOER	5205 CARRIZO ROAD	ATASCADERO		93422	CA
93-40-0050	CALIF STATE POLY	C/O H TOONE	SAN LUIS OBSPO		93401	CA
93-42-9015	VEEMAN & SONS DAIRY	P O BOX 931	SOLVANG		93463	CA
93-42-9049	JAMES McLANAHAN	P. O. BOX 8	CUYAMA		93214	CA
93-49-9065	GEORGE MICKELSEN	2400 PEPPER RAOD	PETALUMA		94952	CA
93-49-9101	SLEEPY HOLLOW MILK	7689 LAKEVILLE HW	PETALUMA		94952	CA
93-49-9124	LA FRANCHI BROS.	RT 1 BOX 62	CALISTOGA		94515	CA
93-49-9280	PINEYHILL WEST	RT 1 BOX 72	CALISTOGA		94515	CA
93-49-9281	TOM A NUNES JR	4255 WOOLSEY ROAD	SANT ROSA		95401	CA
93-49-9321	GEORGE NUNES	4124 GUERNEVILLE R	SANTA ROSA		95401	CA
93-50-0062	A. VERNE CROWELL	1201 W MONTE VISTA	TURLOCK		95380	CA
93-50-0072	LOUIE DURRER	3731 DUNN ROAD	MODESTO		95351	CA
93-50-0109	E E YOUNG & SON	2118 STANDIFORD	MODESTO		95350	CA
93-50-9141	DIAMOND J HOLSTEINS	RT 1 9325 DUSTY LA	MODESTO		95351	CA
93-50-9149	KAY-HART DAIRY	567 KAISER ROAD	MODESTO		95351	CA
93-50-9162	LEWIS & LESLIE LEE	3230 VIVIAN ROAD	MODESTO		95351	CA
93-50-9165	ARLINDA HOLSTEINS	124 N FAITH HOME R	TURLOCK		95380	CA
93-50-0177	NORMAN E LUCAS	11204 FULKERTH ROA	TURLOCK		95380	CA
93-50-9208	MICHEL INVESTMENT CO	744 MC EWEN ROAD	WATERFORD		95386	CA
93-50-9258	DIAMOND S RANCH	STAR ROUTE 15	WATERFORD		95386	CA
93-50-9261	LAVACRE FARMS	RT 1 1016 ALDRICH	HUGHSON		95326	CA
93-50-9324	MANUEL & BILL VIERRA	2613 S MITCHELL AV	TURLOCK		95380	CA
93-50-9396	JUE PIMENTEL	RT 1 5943 GRIFFIN	HUGHSON		95326	CA
93-50-9419	JAMES PAPPAS	RT 8 3749 SHILOH R	MODESTO		95351	CA
93-50-0596	PHIL FANELLI	6437 WOODLAND AVE	MODESTO		95351	CA
93-50-9598	L F MASSINGILL JR	RT 8 2306 YOUNG RD	MODESTO		95351	CA
93-50-0625	LLOYD E STARN	1812 NO TEGNER	TURLOCK		95380	CA

TABLE 9.--LIST OF HERD OWNERS(CONTINUED)

HERD CODE	NAME OF OWNER	STREET-ROUTE	TOWN	ADDRESS OF OWNER	ZIP-CODE	STATE
93-50-9667	HONNETTE & SONS	2231 ZEERING ROAD	DENAIR		95316	CA
93-50-0746	MONTE KINSLEY	2401 NEWMAN ROAD	TURLOCK		95380	CA
93-51-9015	JOHN E MILLER JR.	BOX 13	RIO ORO		95674	CA
93-52-9002	WAYNE EARLY & FAMILY	RT 1 BOX 188	LOS MOLINOS		96055	CA
93-52-9058	JOSEPH W. EARLY	ROUTE 1 BOX 172J	LOS MOLINOS		96055	CA
93-52-9065	ROBERT G PURINGTON	2 BOX 189	ORLAND		95963	CA
93-57-9005	F PLOCHER & SONS	RT 3 BOX 674	WOODLAND		95695	CA

